



# STIC Search Report

EIC 3600

STIC Database Tracking Number: 131571

**TO:** Examiner Haq  
**Location:** PK5 7X06  
**Art Unit:** 3625  
**Tuesday, November 23, 2004**  
**Case Serial Number:** 09/885741

**From:** Ginger Roberts DeMille  
**Location:** EIC 3600  
**PK5-Suite 804**  
**Phone:** 305-5774  
**Ginger.roberts@uspto.gov**

## Search Notes

Dear Examiner Haq

Please find attached the results of your search for 09/885741.

The search was conducted using the mandatory database lists for Business Methods.

These other sources were also used: n/a

If you have any questions, please do not hesitate to contact me.

Thanks for using EIC3600!

Ginger

 Non-Patent  
Literature (NPL)  
Search Report

# NPL Search

? t1/4/

**1/4/1**

FN- DIALOG(R)File 347;JAPIO|  
CZ- (c) 2004 JPO & JAPIO. All rts. reserv.|  
TI- METHOD FOR INPUTTING DATA TO COMPUTER  
PN- 57-137930 - JP 57137930 A-  
PD- August 25, 1982 (19820825)  
AU- INOUE TADASHI; FUJITA YASUOMI  
PA- SUMITOMO ELECTRIC IND LTD [000213] (A Japanese Company or Corporation),  
JP (Japan)  
AN- 56-022443 -JP 8122443-  
AN- 56-022443 -JP 8122443-  
AD- February 18, 1981 (19810218)  
IC- -3- G06F-003/06; G06K-007/10; G06K-019/06  
CL- 45.3 (INFORMATION PROCESSING -- Input Output Units); 28.2 (SANITATION  
-- Medical)  
SO- Section: P, Section No. 157, Vol. 06, No. 237, Pg. 154, November 25,  
1982 (19821125)  
AB- PURPOSE: To prevent a handling mistake of a body to be examined, in the  
course of an examination step, by converting an examination request  
form in which examination items have been enumerated, into a mark  
card, and inserting the card into a mark card reader provided with a  
bar-code reader.

CONSTITUTION: A label 6 showing the receipt number issued in the  
order of receipt of a body to be examined, by a bar-code is stuck  
onto a prescribed position of the second examination request form in  
which marks have been entered in accordance with inspection items  
required, and on the other hand, the same label is stuck on the body  
to be examined 7, too, so that the examination request form  
corresponds to the body to be examined. Subsequently, when the  
examination request form 3 on which this label 6 has been stuck is  
inserted into a mark card reader 9 with a bar-code reader, which has  
added a bar-code reader 8 to the mark card reader having a function  
which is capable of coupling with a computer device by on-line, the  
examination request item and the receipt number are read at the same  
time.

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1/4/1

DIALOG(R) File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

AA- 1981-J7861D/ 198138 |

TI- Self-service betting system - uses ticket bearing transaction identification code and having form upon which proposed bet may be inserted|

PA- GEN INSTR CORP (GENN )|

AU- <INVENTORS> LANGE L J|

NC- 004|

NP- 005|

PN- GB 2071369 A 19810916 GB 8033785 A 19801020 198138 B|

PN- ZA 8006494 A 19810827 198151

PN- US 4322612 A 19820330 198215

PN- CA 1144649 A 19830412 198318

PN- GB 2071369 B 19840314 198411|

AN- <LOCAL> GB 8033785 A 19801020|

AN- <PR> US 7987026 A 19791022|

FD- GB 2071369 A |

LA- GB 2071369(34)|

AB- <BASIC> GB 2071369 A

A single cash deposit may be used for multiple race/multiple day wagering. As a receipt for the deposit, a ticket, having a form upon which a proposed wager may be entered, is issued with a system-generated transaction identification code. The code corresponds to a memory location in which information concerning credit balance and any outstanding wager is recorded for the transaction.

To place a bet, the ticket form is filled in with proposed wager information. The ticket is then inserted into a terminal and read. The memory location corresponding to the code is accessed and any outstanding wager information is compared to the race results. If same coincide, indicating a winner, the value of the outstanding wager is calculated and added to the stored credit balance. The proposed wager is compared to possible valid wagers on the upcoming race and, if same coincide, the proposed wager is accepted, the value is deducted to update the credit balance, the previous transaction is closed out, and a new code corresponding to the new transaction is assigned. The system enables outstanding wagers to be paid, completed transactions closed out, proposed wagers accepted and recorded, credit balances updated and a receipt for same issued, all in a single confidential automatic operation.|

DE- <TITLE TERMS> SELF; SERVICE; BET; SYSTEM; TICKET; BEARING; TRANSACTION; IDENTIFY; CODE; FORM; PROPOSED; BET; INSERT|

DC- P36; T01; W04|

IC- <ADDITIONAL> A63B-071/06; G01D-000/00; G05B-000/00; G06F-007/02; G06F-015/28|

MC- <EPI> T01-J05; W04-X|

FS- EPI; EngPI||

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? t 01134816/9

**01134816/9**

DIALOG(R) File 15:ABI/Inform(R)  
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01134816 97-84210

**Virtual customs**

Sheppard, Maria D

CA Magazine v128n10 PP: 29-30+ Dec 1995 CODEN: CAMADJ ISSN: 0317-6878

JRNL CODE: CCA

DOC TYPE: Journal article LANGUAGE: English LENGTH: 3 Pages

WORD COUNT: 2069

**ABSTRACT:** On December 18, 1995, if data on a shipment pass parameters selected by Canada Customs, then the imported product will be released by Customs' computer system without any human involvement. The detailed accounting for the product will then be transmitted electronically to Customs, and final payment of duty and GST will be made electronically through the participating importer's bank. By implementing the electronic commerce options developed by Canada Customs, importers may dispense with the traditional service of a customs broker and realize a number of other advantages. Key to the developments now under way was the separation of Customs clearance into 3 distinct phases: accounting, release, and remittance. The accounting phase was the government's first EDI initiative. Labeled CADEX, it allows an importer or broker to transmit the accounting documents for an import shipment directly to Customs. In turn, Customs provides the importer with an invoice at the end of the month. The release phase, ACROSS, came next. The introduction of CADEX prompted Matsushita Electric of Canada Ltd. to bring the function in house.

**TEXT:** ON MONDAY, DECEMBER 18, CANADA scheduled to complete a program that places it at the forefront of efficient electronic customs clearance. On that date, if data on a shipment pass parameters selected by Canada Customs, then the imported product will be released by Customs' computer system without any human involvement. The detailed accounting for the product will then be transmitted electronically to Customs, and the final payment of duty and GST will be made electronically through the participating importer's bank.

By implementing the electronic commerce options developed by Canada Customs, importers may dispense with the traditional services of a customs broker and realize a number of other advantages, such as better tariff clarifications, full knowledge of import shipment status, automatic calculation of landed costs, and efficiencies in import document preparation.

The innovative program got its start in the late 1980s, when Otto Jelinek, then national revenue minister, challenged the Customs branch of Revenue Canada to streamline operations. Customs 2000: A Blueprint for the Future, the resulting document, set out the changes in infrastructure necessary to handle the increased border traffic anticipated with preparations for free trade between Canada and the United States. Customs, predicted the blueprint's authors, would come to operate in the same fashion as the rest of Revenue Canada and use an audit-based verification system.

Key to the developments now under way was the separation of Customs clearance into three distinct phases: accounting, release and remittance.

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The accounting phase was the government's first EDI (electronic data interchange) initiative. Labeled CADEX (customs automated data exchange), it was launched in 1988. CADEX allows an importer or a broker to transmit

the accounting documents for an import shipment directly to Customs. In turn, Customs provides the importer with an invoice at the end of the month. (See "Clearing the cobwebs at Customs: CAmagazine, June/July 1993, p.37.) Today, more than 85% of all import documentation in Canada is handled electronically via CADEX.

The release phase, ACROSS (accelerated commercial release operation support system), came next. Here, importers use their CADEX line to transmit release information to Customs before the shipment arrives, including information found on a purchase order plus cargo control information. If the information changes, an importer can simply adjust the entry and transmit the new information. Customs will then make a release decision (in the case of a post-arrival) or a release recommendation (in the case of a pre-arrival). The whole transaction can be transmitted and processed within a few minutes via EDI.

ACROSS has been running successfully as a pilot program at Canada's four busiest ports for the past year, but some challenges remain. Customs officers are facing dramatic cultural changes, and the move away from a physical release to an electronic one will take some getting used to. Communicating with other participating government departments, and consolidating the data they require, also remains problematic. Some importers maintain that supplying tariff classifications before release may delay the movement of goods, but others claim that this will expedite the process and is easy to do. Committees involving public- and private-sector participants are attempting to resolve these issues.

Nonetheless, the benefits are clear: besides easing the physical workload with automatic releases, the ACROSS program allows additional information to be supplied before a shipment's release. This information will enable Customs to target audits electronically by product or other detail -- instead of physically inspecting shipments armed with only an importer number.

#### THE MATSUSHITA PROJECT

In 1987, almost 96% of Canadian importers used the services of a Customs broker. The introduction of CADEX prompted a steep decline in the brokerage industry, as many companies brought the function in house. One of those companies was Matsushita Electric of Canada Ltd., with headquarters in Mississauga, Ontario.

In the early days of the CADEX program, many firms were not comfortable with electronic communications, and they feared dealing directly with Revenue Canada -- especially in a paperless environment. Matsushita, however, was already receiving electronic transmissions from Japan, and most employees were comfortable with the technology. Given the paperless trend, it was assumed that electronic Customs clearance would someday integrate with electronic purchase orders, invoices, and other administrative functions. According to Karin Eisen, Matsushita's manager of international traffic and customs, "About 80% of the work and costs associated with Customs clearance was form creation and submission. Although some internal systems would need modification -- and Matsushita would still have to pay a broker for the release function -- Eisen thought the operation should give CADEX a try.

During the fall of 1993, she reviewed the concept with Ken Buschlen, the general manager of finance. Buschlen had already witnessed an in-house Customs clearance system in Germany and wanted to bring CADEX to the company. Since Matsushita's existing staff could handle this function, the costs associated with the system were limited to hardware, software and

training. The company established its requirements: CADEX would have to cut costs in the department and not impede the all-important flow of goods, even in the short term. Payback timelines for the technology had to meet company guidelines. With all caveats met, Buschlen and Eisen approached senior management with their proposal.

Although management was receptive, the staff proved more of a challenge. "The whole job sounded overwhelming at first," says Eisen. "I have a confident staff and they do not like making mistakes." A solution was found: once the system was installed, team members could practise as long as they wanted. In other words, the staff could shadow the broker's classifications and document creation until they were ready to take over the entire function. While this would temporarily lower or delay the expected payback on the system, the staff's confidence and accuracy would be ensured.

It took only a few weeks after the system was installed in February 1994, however, before the whole department wanted to be involved. Using the system enhanced the employees' role during a period of recession and downsizing. Instead of simply checking the Customs broker's work, they were now doing the Customs broker's work. Barbara Murphy, who handles Matsushita's documentation for air traffic, says, "It takes the same amount of time to create these documents yourself as it does to use a Customs broker." Adds Eisen: "I know our classifications are more accurate than our broker's even though we have not as yet had a comprehensive external audit."

Matsushita now relies on a broker for the release function only, using a Customs process called "release on minimum documentation." An importer simply puts -- or has the exporter put a bar-coded label on the commercial invoice accompanying the goods, and Customs then scans the bar code at the port of entry. (If the importer or exporter cannot apply the label, an agent at the border can be hired to complete this simple task for about \$5 a shipment.) The goods can then be released, and the accounting documents must be transmitted within five business days to Customs, via CADEX.

At press time, Matsushita had not been late in submitting even one document. With an internal target of three days for submission instead of the five allowed, staff can easily correct rejections. This early target has been important, says Eisen. "Sometimes an entry gets rejected for minor reasons like an incorrect zip code for a US vendor or misspelling an abbreviation like 'CDN' as 'CAN'."

Buschlen and Eisen evaluated the results in September 1994, six months after the implementation. More than 50% of the brokerage fees had been eliminated. Even with release costs and an extended training period, the program had exceeded the initial business case. Other benefits had emerged as well. As with other EDI initiatives, errors on documents were minimized. Time taken to re-key information and interpret "fax smudges" were a thing of the past. Matsushita had greater knowledge of and control over imports. And because CADEX electronically notifies the importer when the goods have been released, those frantic calls to the broker asking it for the status of a shipment were also a thing of the past.

Perhaps the greatest benefit of the system, however, involved other departments at Matsushita. Eisen's group was now generating information of company-wide value. Accounting, in particular, has found this information of benefit. Matsushita's policy is not to take inventory of a product until its landed costs are calculated. Until this is done, the product cannot be shipped to customers. But Matsushita, like many companies today, contends with a just-in-time environment, and needs to have product available for shipment as soon as possible. Eisen's department can send the shipment

information to the AS/400, and accounting can obtain the necessary costs. Implementing this new information is still in the early stages, and other uses will continue to emerge.

Marketing and sales also have access to the import information. The status and the costs associated with any product are readily available to sales and marketing managers. Statistics and reports are also easier to generate. If a brand manager wants to know how many laptops were shipped to Calgary last week, he or she can quickly obtain the information.

Buschlen and Eisen now want to adopt the ACROSS program, and believe they will not have to hire new staff to create the release documents in house. What will change is when the information is sent, not the information itself. Release information will be created (keyed in, automatically retrieved, or downloaded from an invoice or purchase order), transmitted, and then transferred to the accounting documents. After the electronic notification of release is received, the B3 form is transmitted to Customs. Customs will transmit an invoice to Matsushita at the end of the month that can be paid at the nearest Customs office.

Educating other Matsushita operations is now a priority for Eisen. The chief of logistics in Japan has asked her to visit in 1996, and has paid her the "ultimate" compliment by asking the US logistics people to review the Canadian operation. Eisen says, "US companies, unlike Canadian companies, are still forced to rely on their Customs broker."

US Customs has also automated its "duties" through the Automated Broker Interface (ABI)," but this system operates on a regional level, which deters self-clearance by importers (who are unable to maintain offices in every region). The United States passed the Customs Modernization Act in December 1993 to give authority to implement initiatives such as the electronic processing of US Customs documentation; but not surprisingly, the National Customs Brokers & Forwarders Association of America has lobbied intensively against such changes. Canadian importers familiar with CADEX are now having to educate their American counterparts on the post entry, audit-based clearance system.

In the meantime, Canada Customs has been offering new programs to assist importers. In 1993, the Low Value Shipment (LVS) program was introduced. Instead of submitting an entry for every Matsushita importation under \$1,200, Eisen can simply summarize all of them on one line on a LVS document at the end of the month. The maximum will likely be adjusted to \$1,600 this year.

When the FST was replaced by the GST, bonded warehousing became a popular strategy for delaying tax remittance on imported goods. Customs incorporated electronic bonding in the CADEX program in 1994. Such improvements have encouraged additional participation by Canadian importers.

Other government departments are now getting involved with the ACROSS program. The Department of Foreign Affairs, for example, requires an import permit to be presented for goods such as textiles and steel. A program that will make these permits available electronically will be available with ACROSS within two months of the December 18 date. Customs will accept the permits, sort them, and return them to Foreign Affairs electronically. Statistics Canada and Agriculture Canada, among other government departments, will benefit from the enhanced information provided by the new paperless system.

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Laura Kolesnikowics, regional ACROSS coordinator at Revenue Canada in Niagara Falls, says, "Revenue Canada has done everything it was asked to

do; the system is now a reality." The Honourable David Anderson, minister of National Revenue, would doubtless agree. He recently told members of the Electronic Data Interchange Council of Canada, "We are doing more with less. In the last three years, Revenue Canada "has cut its budget by a quarter of a billion dollars" even though transactions at Canadian borders have almost doubled. Along with the benefits to Canadian business, the Canadian taxpayer benefits as well.

Morin D. Sheppard is vice-president of MSR Management Systems Resources Inc. in Toronto.

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COMPANY NAMES:

Matsushita Electric of Canada Ltd. (DUNS:20-145-5862)

GEOGRAPHIC NAMES: Canada

DESCRIPTORS: Case studies; Electronics industry; Electronic data interchange; Imports; Tariffs; Advantages

CLASSIFICATION CODES: 9172 (CN=Canada); 9110 (CN=Company specific); 8650 (CN=Electrical & electronics industries); 5250 (CN=Telecommunications systems); 1300 (CN=International trade & foreign investment)

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File 47:Gale Group Magazine DB(TM) 1959-2004/Nov 23  
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Set	Items	Description
S1	491275	SCAN? OR READ? OR OCR? OR SWIPE? OR SWIPING
S2	19239	S1(10N)(BAR())CODE? OR BARCODE? OR UPN OR UPC OR CODE? ? OR NUMBER? ? OR RFID OR IDENTIFIER? OR TOKEN? OR TAG? ? OR LABEL? ? OR WEARABLE? OR EMBLEM?)
S3	3433	S2(10N)(PRODUCT? ? OR GOODS OR SERVICE? ? OR ITEM? ? OR MATERIAL? ? OR MERCHANDISE OR EQUIPMENT? ? OR COMMODIT? OR WARES OR BOOK? ?)
S4	4493	S1(10N)(RECEIPT? OR SLIP? ? OR INVOICE? ? OR PROOF(1W)(PURCHASE OR PAYMENT) OR VOUCHER? ? OR ACKNOWLEDGEMENT OR AIRBILL OR BILL OR CHIT OR CHITS OR WAYBILL OR WAY()BILL OR SHIPPING(-)NOTE)
S5	330340	AUTOFILL? OR AUTO?(N)FILL? OR POPULATE? OR FILL?()IN OR ENTER? OR FILL?()OUT OR FILLOUT OR IMPORT? ? OR IMPORTING
S6	15560	S5(10N)(FORM? ? OR QUESTIONNAIRE? ? OR SURVEY OR FEEDBACK - OR TEMPLATE? ? OR CUSTOMER()RESPONSE OR DOCUMENT? ? OR REGISTRATION OR REGISTRY)
S7	12	S3 AND S4 AND S6
S8	12	S7 NOT PY>2001
S9	3	S3(2S)S4(2S)S6
S10	0	S7 AND IC=G06F
S11	3	S3(5S)S4(5S)S6
S12	0	S11 NOT S9

? t11/3,k/all

**11/3,K/1**

DIALOG(R) File 47:Gale Group Magazine DB(TM)  
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05238876 SUPPLIER NUMBER: 21186691 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**A manager's primer in electronic commerce.**  
Urbaczewski, Andrew; Jessup, Leonard M.; Wheeler, Bradley C.  
Business Horizons, v41, n5, p5(12)  
Sept-Oct, 1998  
ISSN: 0007-6813 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 8201 LINE COUNT: 00667

... To maintain transaction accounting, the Web server is attached to the firm's database. Through **forms** on the Web page, the user **enters** personal data and any payment information, which is sent to the database, stored, and used...scan its pages must be computing connoisseurs. Users are given a free membership and ID **number**, and can then **scan** the **products** for sale by **product** type and manufacturer. When a user finds a potential purchase, he can read a product...

...and shipping cost, then add it to the electronic shopping cart. When the transaction is **ready** to be completed, an **invoice** with all the goods in the shopping cart is presented and the user confirms the...

**11/3,K/2**

DIALOG(R) File 47:Gale Group Magazine DB(TM)  
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04352654 SUPPLIER NUMBER: 17339557 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Cut your grocery bill in half; 37 ways to save. (includes list of refund**

**offers) (Money)**  
Samtur, Susan  
Family Circle, v108, n13, p36(2)  
Sep 19, 1995  
ISSN: 0014-7206 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1531 LINE COUNT: 00121

... on it.

To receive a refund, manufacturers usually require you to send a label, Universal **Product** Code (UPC) (the series of lines over a code number that the cash register "reads" electronically) or other "proof of purchase" (POP) to a clearinghouse. Some refunds are "form required" (FR). In this case, you simply **fill out a form**, which is usually available in the supermarket, and send it to the clearinghouse. Six to...

**11/3,K/3**

DIALOG(R) File 47:Gale Group Magazine DB(TM)  
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03383071 SUPPLIER NUMBER: 08308225 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Guide to buying office products. (Inc. 1990 Directory of Office Products)**

**(buyers guide)**  
Inc., v12, n2, p5S(66)  
Feb, 1990  
DOCUMENT TYPE: buyers guide ISSN: 0162-8968 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 99961 LINE COUNT: 08642

... Forms Data Management Inc. Dome Publishing Co. Inc. Esselte  
Pendaflex Corp. Keith Clark SK Forms Co. Wilmer Service Line Wilson Jones  
Co.

Books, Personal Account  
Boorum & Pease Div. of Esselte Dome...

...E-Z Ind. Houghton Mifflin Co. Reference Div. Merriam-Webster Inc. Rand  
McNally & Co. Ready **Reference** Publishers Simon & Schuster /Prentice Hall  
Books, Rent Receipt  
**Ampad** Corp. Blueline Inc. Cook Receipt Book Mfg. Inc. DataCom Inc.  
Ennis Business Forms Inc. Gussco...  
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? show files;ds
File 2:INSPEC 1969-2004/Nov W2
    (c) 2004 Institution of Electrical Engineers
File 35:Dissertation Abs Online 1861-2004/Oct
    (c) 2004 ProQuest Info&Learning
File 65:Inside Conferences 1993-2004/Nov W3
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File 99:Wilson Appl. Sci & Tech Abs 1983-2004/Sep
    (c) 2004 The HW Wilson Co.
File 233:Internet & Personal Comp. Abs. 1981-2003/Sep
    (c) 2003 EBSCO Pub.
File 256:TecInfoSource 82-2004/Nov
    (c) 2004 Info.Sources Inc
File 474:New York Times Abs 1969-2004/Nov 20
    (c) 2004 The New York Times
File 475:Wall Street Journal Abs 1973-2004/Nov 19
    (c) 2004 The New York Times
File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
    (c) 2002 The Gale Group
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Set	Items	Description
S1	700294	SCAN? OR READ? OR OCR?
S2	1612229	BAR()CODE? OR BARCODE? OR UPN OR UPC OR CODE? ? OR NUMBER? ? OR RFID OR IDENTIFIER? OR TOKEN? OR TAG? ? OR LABEL? ? OR W- EARABLE? OR EMBLEM?
S3	4754797	PRODUCT? ? OR GOODS OR SERVICE? ? OR ITEM? ? OR MATERIAL? ? OR MERCHANDISE OR EQUIPMENT? ? OR COMMODIT? OR WARES OR BOOK? ?
S4	1533600	FORM? ? OR QUESTIONNAIRE? ? OR SURVEY OR FEEDBACK OR TEMPL- ATE? ? OR CUSTOMER()RESPONSE OR DOCUMENT?.? OR REGISTRATION OR REGISTRY
S5	230046	RECEIPT? OR SLIP? ? OR INVOICE? ? OR PROOF(1W)(PURCHASE OR PAYMENT) OR VOUCHER? ? OR ACKNOWLEDGEMENT OR AIRBILL OR BILL - OR CHIT OR CHITS OR WAYBILL OR WAY()BILL OR SHIPPING()NOTE
S6	438947	AUTOFILL? OR AUTO?(N)FILL? OR POPULATE? OR FILL?()IN OR EN- TER? OR FILL?()OUT OR FILLOUT OR IMPORT? ? OR IMPORTING
S7	10	S1 AND S2 AND S3 AND S4 AND S5 AND S6
S8	10	S7 NOT PY>2001
S9	7	RD (unique items)

? t9/3,k/all

9/3,K/1 (Item 1 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

03204784 INSPEC Abstract Number: A88113251  
**Title:** The mechanism of hydrogen induced cleavage in Fe-3% Si alloy  
Author(s): Yan-Bin Wang; Wu-Yang Chu; Chi-Mei Hsiao  
Author Affiliation: Dept. of Metal Phys., Beijing Univ. of Iron & Steel  
Technol., China  
Journal: Metallurgical Transactions A (Physical Metallurgy and Materials  
Science) vol.19A, no.5 p.1335-43  
Publication Date: May 1988 Country of Publication: USA  
CODEN: MTTABN ISSN: 0360-2133  
Language: English  
Subfile: A

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...Abstract: energy of the dislocation, resulting in decreasing the  
external stress necessary to operate the Frank- Read source. Thus,  
hydrogen can promote dislocation multiplication, which has been verified  
using a dislocation decoration...

... the (001) plane is just a cleavage microcrack. Hydrogen carried by the gliding dislocations will enter into the microcrack and the hydrogen pressure will augment the external stress and reduce the critical number n necessary to form a stable cleavage crack and the number m of the pile-up dislocations. This indicates that hydrogen promotes the formation of the stable cleavage crack before the other slip systems operate.

...Descriptors: Frank- Read sources...

... scanning electron microscope examination of materials ; ...

... slip

...Identifiers: Frank- Read source...

... slip systems

9/3,K/2 (Item 2 from file: 2)

DIALOG(R)File 2:INSPEC

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02181941 INSPEC Abstract Number: D84000260

Title: Payroll: take the rule change in your stride

Author(s): Foreman, M.

Journal: Micro Decision no.27 p.85-8

Publication Date: Jan. 1984 Country of Publication: UK

CODEN: MIDEVG ISSN: 0261-5142

Language: English

Subfile: D

Abstract: From January 1984 the banks are no longer to accept credit vouchers without a computer readable code line detailing the account number of the person to be credited, the sort code for that account, plus a transaction code which is purely for the bank's analysis. This presents problems to companies which run a payroll program on micro to print giro credit forms . In order to be read by machine, the code line at the bottom of the giro must be printed in either magnetic ink or a machine- read ( OCR ) typeface. Neither dot matrix nor daisy wheel printers may be able to meet the exacting...

... employees cheques, there are two possible solutions to the problem. Several banks provide credit input forms which can be filled in by hand, typewriter, or computer. The other alternative is to use the Bankers Automated Clearing Service (BACS), which employs electronic funds transfer.

Identifiers: machine read typeface...

...automated clearing service ; ...

...credit vouchers ; ...

...computer readable code line...

...account number ; ...

...sort code ; ...

...transaction code ; ...

...giro credit forms ; ...

... OCR ; ...

...credit input forms ;

9/3,K/3 (Item 3 from file: 2)  
DIALOG(R)File 2:INSPEC  
(c) 2004 Institution of Electrical Engineers. All rts. reserv.

00398052 INSPEC Abstract Number: C72014814

Title: Punched card reader

Assignee(s): VEB Elektronische Rechenmaschinenwissenschaftlicher Industriebetrieb-Karl-Marx-Stadt

Patent Number: GB 1257196 Issue Date: 711215

Application Date: 681220

Priority Appl. Number: GB 60773/68

Country of Publication: UK

Language: English

Subfile: C

Title: Punched card reader

Abstract: A punched card reader is disclosed in which the cards may enter a scanning station asynchronously, includes a timing signal generator. A card is fed into the scanning station by e.g. a roller, conveyor and detected by three detectors at points spaced...

... signal being multiplied when the leading edge of the card reaches the first detector to form a synchronous counting signal which is fed to a counter. The number of signals to be counted during the passage of the card is equal to the number of columns of data positions of the card with counts being checked when the leading edge of the card reaches the other detectors etc., to determine slip in the conveyor system and effect a correction or indicate a fault in the operation of the reader mechanism.

Descriptors: punched card equipment

Identifiers: punched card reader ; ...

... scanning station asynchronously

9/3,K/4 (Item 1 from file: 35)  
DIALOG(R)File 35:Dissertation Abs Online  
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01635888 ORDER NO: AAD98-28015

TEACHER-STUDENT CONTINUITY PROGRAMS IN URBAN CATHOLIC ELEMENTARY SCHOOLS  
(URBAN EDUCATION, CATHOLIC EDUCATION)

Author: PREVITI, MARYANN POUR

Degree: PH.D.

Year: 1998

Corporate Source/Institution: BOSTON COLLEGE (0016)

Source: VOLUME 59/03-A OF DISSERTATION ABSTRACTS INTERNATIONAL.

PAGE 720. 116 PAGES

...extent of teacher-student continuity programs". Descriptive data were collected by means of a mailed survey from a sample of one-hundred twenty-three (123) administrators of these schools. The instrument...

...designed to elicit descriptive information on the genesis and purpose of the continuity programs. The survey instrument recorded information on

the purpose for and the extent of the program and the manner in which children are selected for inclusion in these continuity cycles. Responses to **survey items** recorded how teachers are selected to teach in these programs and how parents are kept...

...and disadvantages they perceive in the programs in place in their schools. Demographic information and **items** related to the educational experience of the administrators responding to the **survey** were also included. Ninety-six responses were returned; of that **number**, eighty-one were useable for analysis purposes. That eighty-one represented a response rate of 67%. Data collected from closed-format questions were pre- **coded** and those from open-format **items** **coded** upon **receipt**. The data were **read** and **entered** into the analysis program by the researcher upon **receipt** and analyzed using descriptive statistical methods. The categorical data collected were converted to numerical values...

9/3,K/5 (Item 1 from file: 256)  
DIALOG(R) File 256:TecInfoSource  
(c) 2004 Info.Sources Inc. All rts. reserv.

00145491 DOCUMENT TYPE: Review

PRODUCT NAMES: OmniForm Premium 5.0 (161373)

TITLE: ScanSoft 's Omniform Fills Bill For Forms -Driven Customers  
AUTHOR: Ohlhorst, Frank J  
SOURCE: CRN, v1033 p51(1) Feb 17, 2003  
ISSN: 0893-8377  
HOMEPAGE: <http://www.crn.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

REVISION DATE: 20030630

TITLE: ScanSoft 's Omniform Fills Bill For Forms -Driven Customers

Filling out **forms** is time-consuming, but these tasks can be simplified by turning paper **forms** into electronic ones. OmniForm Premium 5.0, from **ScanSoft**, can create electronic **forms** that can be **filled out** and delivered in many different ways. The **product** combines a database and a **form** design tool. The **form** can be **filled out** electronically on any Windows-based PC, and converted to a fillable PDF format or deployed to a Web site as an HTML **document**. It also can be used to generate e-mailable **forms**, or remotely hosted **forms**. When designing the **form**, designers must decide on how the **form** is going to be **filled out**. A companion **product** for network users, OmniForm Filler, is used to **fill out** the **forms** created by OmniForm Premium. A quick way to create an electronic **form** is to **scan** a paper one. OmniForm does this well with a wizard assistant, which identifies **labels** and fields from the paper **form**. **Forms** also can be designed from scratch. Designers must create a text object in front of a data field to act as a **label**. Table creation is a powerful addition, which allows for the creation of **invoices** or other **forms** that are driven by tabular data. Many wizards and tools simplify **form** creation. Calculations are handled by a formula tool. It supports digital signatures for security, which makes digital **forms** legally binding.

COMPANY NAME: **ScanSoft Inc...**  
DESCRIPTORS: Business **Forms** ; Digitizing; **Form Generators**; IBM PC & Compatibles; Repurposing; Windows; Windows NT/2000; Windows XP

9/3,K/6 (Item 2 from file: 256)  
DIALOG(R) File 256:TecInfoSource  
(c) 2004 Info.Sources Inc. All rts. reserv.

00125475 DOCUMENT TYPE: Review

PRODUCT NAMES: Telephone Companies (836249)

TITLE: Telcos Get a Handle on Billing  
AUTHOR: Hoke, Gordon E J  
SOURCE: Imaging & document solutions, v9 n5 p51(5) May 2000  
ISSN: 1083-2912  
HOMEPAGE: <http://www.imagingmagazine.com>

RECORD TYPE: Review  
REVIEW TYPE: Product Analysis  
GRADE: Product Analysis, No Rating

REVISION DATE: 20011130

...including Arch Communications, AT&T, and other companies, are learning that e-billing and Web- **ready** call center support can be advantageous, especially in the areas of enhanced ease of use...

...user was misled by the small print and big ad on his paper-based telephone **bill** ; he concluded voice mail was available from his carrier. He wasted quite a bit of...

...the 'offering,' and had to wait for a human representative to tell him that the **service** was not available in his area. He concluded that his telco requires **document** technology, with an **enterprise** report manager that can correctly match and combine abilities to generate a **bill** that includes only ads for **products** available in his area **code** . Arch Communications chose a **document** solution from Feith Systems that can run shrink-wrapped Solaris and Informix software. IT assisted...

...contains bills to which customers have access. Other topics covered include new opportunities through e- **bill** presentment, and dealing with paper-based billing methods.

DESCRIPTORS: Customer **Service** ; E-Billing; Electronic Customer **Service** ; Telephone Companies; Utility Billing; Utility Industries

9/3,K/7 (Item 3 from file: 256)  
DIALOG(R) File 256:TecInfoSource  
(c) 2004 Info.Sources Inc. All rts. reserv.

00119256 DOCUMENT TYPE: Review

PRODUCT NAMES: iSend (772895); e-Parcel (772909)

TITLE: Registered E-Mail Adds New Dimension To Electronic Messaging  
AUTHOR: Marks, Susan J  
SOURCE: MicroTimes, v196 p67(4) Aug 11, 1999

Homepage: <http://www.microtimes.com>

RECORD TYPE: Review

REVIEW TYPE: Product Comparison

GRADE: Product Comparison, No Rating

REVISION DATE: 20040228

United Parcel Service's Document Exchange, Pitney Bowes' iSend, Compaq Computer's and e-Parcel LLC's jointly marketed online.delivery/e-Parcel, and receiptmail .com represent a growing trend in supplanting traditional registered document handling services . These services all offer varying degrees of tracking, delivery confirmation, and security for the online delivery of a variety of documents , from sensitive legal materials to complex graphic images. Receiptmail .com and iSend are both browser-based, requiring no additional software. After entering the site, users can send mail and attachments that are later encrypted (either automatically or optionally). The receiver then gets an e-mail notification of delivery, along with the document number and a URL, in order to retrieve the document . The sender receives a tracking report, as well as information on when the file is opened and read . Compaq's online.delivery, e-Parcel, and a client version of iSend work similarly, but...

...different browsers and e-mail systems and also lessens difficulties in downloading large files. Most services charge per document and by size while one firm, receiptmail .com, charges a flat yearly fee for unlimited use.

DESCRIPTORS: Document Management; E-Commerce; Encryption; File Transfer; Freight Handling; Mailing Lists

?

```
? show files;ds
File 9:Business & Industry(R) Jul/1994-2004/Nov 19
      (c) 2004 The Gale Group
File 20:Dialog Global Reporter 1997-2004/Nov 23
      (c) 2004 The Dialog Corp.
File 476:Financial Times Fulltext 1982-2004/Nov 23
      (c) 2004 Financial Times Ltd
File 610:Business Wire 1999-2004/Nov 22
      (c) 2004 Business Wire.
File 613:PR Newswire 1999-2004/Nov 22
      (c) 2004 PR Newswire Association Inc
File 634:San Jose Mercury Jun 1985-2004/Nov 21
      (c) 2004 San Jose Mercury News
File 636:Gale Group Newsletter DB(TM) 1987-2004/Nov 23
      (c) 2004 The Gale Group
File 810:Business Wire 1986-1999/Feb 28
      (c) 1999 Business Wire
File 813:PR Newswire 1987-1999/Apr 30
      (c) 1999 PR Newswire Association Inc
```

Set	Items	Description
S1	4958742	SCAN? OR READ? OR OCR? OR SWIPE? OR SWIPING
S2	145955	S1(10N)(BAR()CODE? OR BARCODE? OR UPN OR UPC OR CODE? ? OR NUMBER? ? OR RFID OR IDENTIFIER? OR TOKEN? OR TAG? ? OR LABEL? ? OR WEARABLE? OR EMBLEM?)
S3	24366	S2(10N)(PRODUCT? ? OR GOODS OR SERVICE? ? OR ITEM? ? OR MA- TERIAL? ? OR MERCHANDISE OR EQUIPMENT? ? OR COMMODIT? OR WARES OR BOOK? ?)
S4	49077	S1(10N)(RECEIPT? OR SLIP? ? OR INVOICE? ? OR PROOF(1W)(PUR- CHASE OR PAYMENT) OR VOUCHER? ? OR ACKNOWLEDGEMENT OR AIRBILL OR BILL OR CHIT OR CHITS OR WAYBILL OR WAY()BILL OR SHIPPING(- )NOTE)
S5	7524592	AUTOFILL? OR AUTO?(N)FILL? OR POPULATE? OR FILL?()IN OR EN- TER? OR FILL?()OUT OR FILLOUT OR IMPORT? ? OR IMPORTING
S6	179422	S5(10N)(FORM? ? OR QUESTIONNAIRE? ? OR SURVEY OR FEEDBACK - OR TEMPLATE? ? OR CUSTOMER()RESPONSE OR DOCUMENT? ? OR REGIS- TRATION OR REGISTRY)
S7	15	S3 AND S4 AND S6
S8	10	S7 NOT PY>2001
S9	9	RD (unique items)

? t9/3,k/all

**9/3,K/1 (Item 1 from file: 20)**  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

16432894 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Plea for Web continuity Creator worries about the need to ensure that  
historical data is kept for future reference**

Lydia Zajc  
SOUTH CHINA MORNING POST, p1  
May 01, 2001  
JOURNAL CODE: FSCP LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 781

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... write programs to search databases and draw conclusions or create  
applications to ask computers to bill companies automatically.  
Machines now scan a Web page but cannot pick out which number  
signifies a price, a stock quote...

...Semantic Web to allow machines have conversation over interactive sites. Instead of asking surfers to fill out boring forms with name, address, credit-card information and so on to buy a book , programmers will be able to write code that lets a PC scan sites for the cheapest copy and buy it.

"I think it will be two years...

9/3,K/2 (Item 2 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

10314887 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Fraud Ring Cost Government Millions Of Shillings**  
Musyoka wa Kyendo  
NATION (KENYA)  
March 28, 2000  
JOURNAL CODE: FTNK LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 783

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... inspection was carried out on the three containers. And although shipment documents show that the goods were brought in aboard the SL Endeavour, voyage number 647W, the warehouse entry was changed by hand to read Cape Byrow without a voyage number .

The bill of lading shows that there was only one container carrying 783 cartons. But even the...

... the port long before the documents were lodged. However, investigators doubt the validity of the documents .

All documents relating to imports by Kiandai were suspect in the eyes of Customs officials. In fact, all documents in...

9/3,K/3 (Item 3 from file: 20)  
DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

09972513 (USE FORMAT 7 OR 9 FOR FULLTEXT)  
**Business Law Review Feb 29-7 Mar 00**  
Interfax Business Law Review for 29 February-7 March 2000 Volume N 10 (374)  
WORLD NEWS CONNECTION  
March 07, 2000  
JOURNAL CODE: WWNC LANGUAGE: English RECORD TYPE: FULLTEXT  
WORD COUNT: 15509

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... veterans and disabled persons.

\*\*\* The Moscow City Duma on March 1 passed in the first reading a bill "On taxes, charged for road funds." One of the drafters of the bill, Duma speaker... have known that he had the amount of overpayment illicitly since the time that amount entered his account and the bank sent him documents mentioning the reason for remitting the amount.

In this light, the cassation court overturned the...and rejected the challenge suit on the following grounds: In the course of construction the enterprise was making instalment payments. Documents are included in the case in which the manager of the enterprise discusses the specifics...

them for market prices and at the client's expense.

Article 705 of the Civil Code reads that the risk of accidental loss or damage of the materials made available for processing or for other purposes stipulated in the agreement, shall be born...

**9/3,K/4 (Item 4 from file: 20)**

DIALOG(R)File 20:Dialog Global Reporter  
(c) 2004 The Dialog Corp. All rts. reserv.

03004537

**Intranet Solutions Announces Complete Family of Intra.doc! Legacy Paper-to-Web Scanning Solutions**

BUSINESS WIRE

October 05, 1998

JOURNAL CODE: WBWE LANGUAGE: English RECORD TYPE: FULLTEXT

WORD COUNT: 1343

... site and allows simultaneous access to multiple server repositories. Intra.doc! Legacy desktop, workgroup and enterprise solutions automatically convert images and paper-based documents to Web-ready PDF files, and then publish, access and maintain them in an Intra ...

... documents and images into an Intra.doc! Web repository. For example, in the case of scanned insurance forms or customer invoices, the system can both scan in the image and also capture product bar codes and other important meta data to streamline data entry all in one easy transaction. -- Intra...was founded in 1990 and was one of the early software developers of Web-based document management and enterprise publishing solutions. In 1996, utilizing the latest Web technologies and their hands-on experience working...

... world's largest companies, the company introduced Intra.doc!(R) Management System -- a Web-based enterprise-wide document management system for corporate intranets, extranets and the Internet. IntraNet Solutions has offices throughout the...

**9/3,K/5 (Item 1 from file: 636)**

DIALOG(R)File 636:Gale Group Newsletter DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

03626347 Supplier Number: 47809460 (USE FORMAT 7 FOR FULLTEXT)

**SDI, ATALLA AND WELCH ALLYN FORM ALLIANCE FOR ZEUS 2.0**

GUI Program News, v8, n7, pN/A

July 1, 1997

Language: English Record Type: Fulltext

Document Type: Newsletter; Trade

Word Count: 790

... for transactions, and the Welch Allyn SCANTEAM(R) 8300 (ST8300) MICR check reader, which automatically enters customer data into the teller system, scans MICR encoded documents and screens for fraudulent checks.

With these peripherals tied into ZEUS, a teller can quickly access customer information by inserting a deposit slip into the check reader or an ATM card into a PIN pad. Teller productivity is further improved by the system's ability to read MICR checks and other documents. The system also allows the customer to enter a PIN, speeding identification.

"By incorporating Atalla and Welch Allyn's powerful technologies into ZEUS...

...Welch Allyn was founded in 1915. Its Data Collection Division manufactured the first hand-held **bar code scanner** back in 1972. Today, the **product** line includes a variety of hand-held and fixed position **bar code scanning products**, terminals, decoders, chips and applicable software. Welch Allyn spans the globe with offices throughout North...

**9/3,K/6 (Item 2 from file: 636)**

DIALOG(R) File 636:Gale Group Newsletter DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

03225170 Supplier Number: 46612274 (USE FORMAT 7 FOR FULLTEXT)  
**SET REALISTIC GOALS FOR AUTOMATED SYSTEMS 14 Tips for Improving Payback on Your Data Capture System**  
Document Imaging Report, v6, n16, pN/A  
August 7, 1996  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 1188

... on-duty one hour at a time.

\* Slash the amount of data clerks have to **enter** manually by creating image-friendly **documents**, Kyle M. Grogan, manager of financial markets for Standard Register, in Dayton, Ohio, recommended during...

...they're willing to guarantee. Consider buying backup scanners or making emergency arrangements with a **service** bureau.

Tip: Don't overestimate the potential throughput of your **scanner**. "Never multiply a **scanner**'s rated speed by the **number** of hours you plan to run it," Wood said. "A good system should give you...For instance, accounts payable departments may find that they frequently send clients duplicate copies of **invoices**."

Wood said users can reduce **scanning** by redesigning documents to eliminate redundant information; implementing recognition components and adding bar codes to...

**9/3,K/7 (Item 3 from file: 636)**

DIALOG(R) File 636:Gale Group Newsletter DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

03105092 Supplier Number: 46350638 (USE FORMAT 7 FOR FULLTEXT)  
**IMAGING LURES BANKS Partnering Key To Success**  
Document Imaging Report, v6, n9, pN/A  
May 1, 1996  
Language: English Record Type: Fulltext  
Document Type: Newsletter; Trade  
Word Count: 1218

... what Bob Kirk, president of Enterprise Consulting of Dallas, calls "the killer application," to include **invoice scanning**, recognition and data capture.

Larger Banks Get Into the Picture

Check-image-systems-aren't...customers, Schratwieser said. For instance, more and more banks are offering retail customers financial budgeting **services** that **read** **codes** written by customers on checks to

sort payments by categories, such as groceries or rent...

...of a research request. (Cabbage Mountain Image Consultants, 404/524-7273; Dataworks, 210/804- 0900; Document Solutions Inc., 205/733-1182; Enterprise Consulting, 214/985-7414; FTP Consulting, 817/267-9042; Greenway Corp., 770/834- 0090; ICI...

9/3,K/8 (Item 1 from file: 810)  
DIALOG(R) File 810:Business Wire  
(c) 1999 Business Wire . All rts. reserv.

0712562 BW0205

**SOFTWARE DYNAMICS: Teller Efficiency, Transaction Security Improved Under ZEUS 2.0 Service Delivery System with Check Scanners and Card Readers**

June 11, 1997

Byline: Business Editors & Technology Writers

...for transactions, and the Welch Allyn SCANTEAM(R) 8300 (ST8300) MICR check reader, which automatically **enters** customer data into the teller system, scans MICR encoded **documents** and screens for fraudulent checks.

With these peripherals tied into ZEUS, a teller can quickly access customer information by inserting a deposit **slip** into the check **reader** or an ATM card into a PIN-pad. Teller productivity is further improved by the system's ability to read MICR checks and other **documents**. The system also allows the customer to **enter** a PIN, speeding identification.

"By incorporating Atalla and Welch Allyn's powerful technologies into ZEUS..."

...Welch Allyn was founded in 1915. Its Data Collection Division manufactured the first hand-held **bar code scanner** back in 1972. Today, the **product** line includes a variety of hand-held and fixed position **bar code scanning products**, terminals, decoders, chips and applicable software. Welch Allyn spans the globe with offices throughout North...

9/3,K/9 (Item 1 from file: 813)  
DIALOG(R) File 813:PR Newswire  
(c) 1999 PR Newswire Association Inc. All rts. reserv.

1174638 LAM044  
**Visioneer Announces PaperPort EasyPay for Quicken and QuickBooks From Intuit**

DATE: October 27, 1997 08:30 EST WORD COUNT: 618

... new addition to their full line of award-winning personal imaging systems. PaperPort EasyPay automatically **reads** numbers from scanned **documents** such as **invoices** and **enters** the information into the appropriate fields of Quicken and QuickBooks from Intuit, Inc. (Nasdaq: INTU...)

...and place it directly into your check register or ledger in seconds.

Users start by **scanning** an **invoice** into their computer using PaperPort EasyPay software. Instantly the PaperPort desktop is launched and a...

... invoices. PaperPort EasyPay's Wizard guides the user through the training process. First, a new **invoice** is identified and assigned areas in which information will be **read** by the software. EasyPay then asks what account, transaction type, vendor, and category the invoice...

... always looking for ways to make small business finances faster and easier," said Susan Doherty, **Product** Marketing Manager at Intuit. "EasyPay's ability to instantly **scan** bills and **invoices** into QuickBooks, the **number** one best selling small business accounting package, should be a true time saver for small...?

? show files;ds  
File 348:EUROPEAN PATENTS 1978-2004/Nov W02  
(c) 2004 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20041118,UT=20041111  
(c) 2004 WIPO/Univentio

Set	Items	Description
S1	756415	SCAN? OR READ? OR OCR? OR SWIPE? OR SWIPING
S2	108260	S1(10N)(BAR()CODE? OR BARCODE? OR UPN OR UPC OR CODE? ? OR NUMBER? ? OR RFID OR IDENTIFIER? OR TOKEN? OR TAG? ? OR LABEL? ? OR WEARABLE? OR EMBLEM?)
S3	13355	S2(10N)(PRODUCT? ? OR GOODS OR SERVICE? ? OR ITEM? ? OR MATERIAL? ? OR MERCHANDISE OR EQUIPMENT? ? OR COMMODIT? OR WARES OR BOOK? ?)
S4	5514	S1(10N)(RECEIPT? OR SLIP? ? OR INVOICE? ? OR PROOF(1W)(PURCHASE OR PAYMENT) OR VOUCHER? ? OR ACKNOLWEDGEMENT OR AIRBILL OR BILL OR CHIT OR CHITS OR WAYBILL OR WAY()BILL OR SHIPPING(-)NOTE)
S5	931405	AUTOFILL? OR AUTO?(N)FILL? OR POPULATE? OR FILL?()IN OR ENTER? OR FILL?()OUT OR FILLOUT OR IMPORT? ? OR IMPORTING
S6	32924	S5(10N)(FORM? ? OR QUESTIONNAIRE? ? OR SURVEY OR FEEDBACK - OR TEMPLATE? ? OR CUSTOMER()RESPONSE OR DOCUMENT? ? OR REGISTRATION OR REGISTRY)
S7	170	S3 AND S4 AND S6
S8	99	S7 NOT PY>2001
S9	16	S3(2S)S4(2S)S6
S10	111	S7 AND IC=G06F
S11	25	S3(5S)S4(5S)S6
S12	9	S11 NOT S9
?		

? show files;ds  
File 348:EUROPEAN PATENTS 1978-2004/Nov W02  
(c) 2004 European Patent Office  
File 349:PCT FULLTEXT 1979-2002/UB=20041118,UT=20041111  
(c) 2004 WIPO/Univentio

Set Items Description  
S1 756415 SCAN? OR READ? OR OCR? OR SWIPE? OR SWIPING  
S2 108260 S1(10N)(BAR()CODE? OR BARCODE? OR UPN OR UPC OR CODE? ? OR NUMBER? ? OR RFID OR IDENTIFIER? OR TOKEN? OR TAG? ? OR LABEL? ? OR WEARABLE? OR EMBLEM?)  
S3 13355 S2(10N)(PRODUCT? ? OR GOODS OR SERVICE? ? OR ITEM? ? OR MATERIAL? ? OR MERCHANDISE OR EQUIPMENT? ? OR COMMODIT? OR WARES OR BOOK? ?)  
S4 5514 S1(10N)(RECEIPT? OR SLIP? ? OR INVOICE? ? OR PROOF(1W)(PURCHASE OR PAYMENT) OR VOUCHER? ? OR ACKNOLWEDGEMENT OR AIRBILL OR BILL OR CHIT OR CHITS OR WAYBILL OR WAY()BILL OR SHIPPING(-)NOTE)  
S5 931405 AUTOFILL? OR AUTO?(N)FILL? OR POPULATE? OR FILL?()IN OR ENTER? OR FILL?()OUT OR FILLOUT OR IMPORT? ? OR IMPORTING  
S6 32924 S5(10N)(FORM? ? OR QUESTIONNAIRE? ? OR SURVEY OR FEEDBACK - OR TEMPLATE? ? OR CUSTOMER()RESPONSE OR DOCUMENT? ? OR REGISTRATION OR REGISTRY)  
S7 170 S3 AND S4 AND S6  
S8 99 S7 NOT PY>2001  
S9 16 S3(2S)S4(2S)S6  
? t9/3, k/all

9/3,K/1 (Item 1 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

01752676

**Systems and methods for secure transaction management and electronic rights protection**

**Systeme und Verfahren zur gesicherten Transaktionsverwaltung und elektronischem Rechtsschutz**

**Systemes et procedes de gestion de transactions securisees et de protection de droits electroniques**

**PATENT ASSIGNEE:**

ELECTRONIC PUBLISHING RESOURCES, INC., (976840), 460 Oakmead Parkway, Sunnyvale, CA 94086-4708, (US), (Applicant designated States: all)

**INVENTOR:**

Ginter, Karl L., 10404 43rd Avenue, Beltsville Maryland 20705, (US)

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Spahn, Francis J., 2410 Edwards Avenue, El Cerrito California 94530, (US)

van Wie, David M., 1250 Lakeside Drive, Sunnyvale California 94086, (US)

**LEGAL REPRESENTATIVE:**

Smith, Norman Ian et al (36041), fJ CLEVELAND 40-43 Chancery Lane, London WC2A 1JQ, (GB)

**PATENT (CC, No, Kind, Date): EP 1431864 A2 040623 (Basic)**

**APPLICATION (CC, No, Date): EP 2004075701 960213;**

**PRIORITY (CC, No, Date): US 388107 950213**

**DESIGNATED STATES: AT; BE; CH; DE; DK; ES; FR; GB; GR; IE; IT; LI; LU; MC; NL; PT; SE**

**RELATED PARENT NUMBER(S) - PN (AN):**

EP 861461 (EP 96922371)

**INTERNATIONAL PATENT CLASS: G06F-001/00**

**ABSTRACT WORD COUNT: 151**

**NOTE:**

Figure number on first page: 77

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	200426	1450
SPEC A	(English)	200426	166929
Total word count - document A			168379
Total word count - document B			0
Total word count - documents A + B			168379

...SPECIFICATION and/or investment earnings and/or "authentic" VDE content container secured detailed information on such **receipts**, through on-line connections. A user can send digital currency to another party with a...

9/3,K/2 (Item 2 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS

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00693261

Optical character recognition and item matching assisted by progressively decreasing match criteria.

Optische Zeichererkennung und Gegenstandsvergleich mit Hilfe von progressiv abnehmenden Übereinstimmungskriterien.

Reconnaissance de caracteres optiques et comparaison d'objets assistee par des criteres de correspondance progressivement decroissante.

PATENT ASSIGNEE:

International Business Machines Corporation, (200120), Old Orchard Road, Armonk, N.Y. 10504, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Thompson, Ralph Edward, 7909 Meadowdale Lane, Charlotte, NC 28212, (US)

LEGAL REPRESENTATIVE:

Schafer, Wolfgang, Dipl.-Ing. (62021), IBM Deutschland Informationssysteme GmbH Patentwesen und Urheberrecht, D-70548 Stuttgart, (DE)

PATENT (CC, No, Kind, Date): EP 661662 A2 950705 (Basic)  
EP 661662 A3 960703

APPLICATION (CC, No, Date): EP 94118002 941115;

PRIORITY (CC, No, Date): US 175033 931229

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06K-009/03; G06K-017/00;

ABSTRACT WORD COUNT: 185

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPAB95	741
SPEC A	(English)	EPAB95	5506
Total word count - document A			6247
Total word count - document B			0
Total word count - documents A + B			6247

...SPECIFICATION scanning and optical character recognition, images of the checks now are scanned into an optical **scanner** along with an image of the deposit **slip** or the adding machine tape's sequence of amounts correspondent to the amounts on the...

...make up the deposit. This series of amounts, in the order in which they are **scanned**, are assigned an **item** sequence **number** as they appear in

column

9/3,K/3 (Item 3 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
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00453462

IMAGE DATA PROCESSOR SYSTEM AND METHOD  
BILDDATENVERARBEITUNGSSYSTEM UND METHODE  
SYSTEME ET METHODE DE TRAITEMENT D'IMAGES

PATENT ASSIGNEE:

UNISYS CORPORATION, (842791), Township Lane and Union Meetings Roads,  
Blue Bell Pennsylvania 19424, (US), (applicant designated states:  
DE;FR;GB)

INVENTOR:

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PATENT (CC, No, Kind, Date): EP 447541 A1 910925 (Basic)  
EP 447541 B1 980610  
WO 9106065 910502

APPLICATION (CC, No, Date): EP 90916429 901004; WO 90US5676 901004  
PRIORITY (CC, No, Date): US 419270 891010; US 419530 891010; US 419594  
891010; US 419595 891010; US 420779 891010

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G06T-001/20;

NOTE:

No A-document published by EPO

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available	Text	Language	Update	Word Count
	CLAIMS B	(English)	9824	1540
	CLAIMS B	(German)	9824	1427
	CLAIMS B	(French)	9824	1840
	SPEC B	(English)	9824	13380
Total word count - document A				0
Total word count - document B				18187
Total word count - documents A + B				18187

...SPECIFICATION to sorting, these documents are physically handled by a plurality of individuals, each of who enters the dollar amount associated therewith upon the document by the use of specialized amount entry equipment. Additionally, these individuals physically enter any corrections, associated with the reading of the magnetic code, upon each of the sorted documents.

EP-A-0033623 discloses a method and an apparatus for reducing the gray scale resolution of a document, such as a cheque or deposit slip. This apparatus includes a scanning module for scanning a document along x and y coordinate regard thereto for generating pixels representing gray scale...

9/3,K/4 (Item 4 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

00256016

POS Terminal device.

Verkaufsstellenterminal.

Terminal pour point de vente.

PATENT ASSIGNEE:

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PATENT (CC, No, Kind, Date): EP 253240 A1 880120 (Basic)  
EP 253240 B1 920325

APPLICATION (CC, No, Date): EP 87109623 870703;

PRIORITY (CC, No, Date): JP 86157545 860703; JP 875281 870112; JP 877240  
870114

DESIGNATED STATES: AT; BE; CH; DE; ES; FR; GB; GR; IT; LI; LU; NL; SE

INTERNATIONAL PATENT CLASS: G07G-001/00; G07F-007/02;

ABSTRACT WORD COUNT: 120

LANGUAGE (Publication,Procedural,Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	EPBBF1	619
CLAIMS B	(German)	EPBBF1	382
CLAIMS B	(French)	EPBBF1	513
SPEC B	(English)	EPBBF1	2483
Total word count - document A			0
Total word count - document B			3997
Total word count - documents A + B			3997

...SPECIFICATION refund card 20 is updated in step 35 in accordance with  
data concerning the purchased items . If card 20 is not found in card  
reader /writer 25, step 35 is skipped and the procedure proceeds to  
step 36, where the CPU 1 determines if all purchased...

...the card is not inserted the CPU 1 proceeds to step 11 where a usual  
receipt is issued. If the card has been inserted in card reader  
/writer 25, as detected in step 37, the accumulated sales amount 102 of  
the refund...

...card and a refund to which he is entitled is calculated based on the  
updated sales amount and printed out on a receipt for his  
information.

Fig . 12 shows the operational steps for giving a customer his refund.  
Referring to Fig. 12...

9/3,K/5 (Item 1 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
(c) 2004 WIPO/Univentio. All rts. reserv.

00995845 \*\*Image available\*\*  
**GAMING SYSTEM WITH LOYALTY PROGRAM**  
**POINT D'ENREGISTREMENT DE JEU SUR UN APPAREIL DE JEUX DE HASARD**  
Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200325867 A2-A3 20030327 (WO 0325867)  
Application: WO 2002US29890 20020919 (PCT/WO US02029890)  
Priority Application: US 2001957742 20010920

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL PT SE SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 23988

Fulltext Availability:

Detailed Description

Detailed Description

... to enroll in a player tracking program.

In some embodiments, the casino service representative may enter the player's registration information on a touch screen display located on a hand-held wireless device, such as...

...the casino service representative. Using the hand-held wireless device, the casino service representative may enter "point of play" registration information such as a player's name, address, signature, finger-print, preference ...such as a PDA, carried by the player may be player may be used to enter "point of play" registration information without assistance from a casino service representative.

When a loyalty program instrument is ...serial number encoded as a bar code on the card. In this case, the casino service representative may read the bar code with a scanner attached to the hand-held wireless device. The loyalty program information and the loyalty program

...

9/3,K/6 (Item 2 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

(c) 2004 WIPO/Univentio. All rts. reserv.

00963611 \*\*Image available\*\*

**EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM  
FOR RENTAL VEHICLE SERVICES**

**SYSTEME INFORMATIQUE INTERENTREPRISES A ELEMENTS MULTIPLES A ACCES INTERNET  
POUR SERVICES DE LOCATION DE VEHICULES**

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200297700 A2 20021205 (WO 0297700)

Application: WO 2001US51431 20011019 (PCT/WO US0151431)

Priority Application: US 2000694050 20001020

Parent Application/Grant:

Related by Continuation to: US 2000694050 20001020 (CIP)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 237932

Fulltext Availability:

Detailed Description

Detailed Description

... then reset its (and its associated open rental contract/ticket) direct  
billing indication (leave the Bill-To ID and related information), load  
the  
reservation's RATE QUOTED COMMENT with "ARMS Direct...the DQANDST data  
queue and end this program.

For any non-shutdown data queue entry, read all of the associated ARMS Application Interface Input Transaction file (AMAPP) records.

IF any...

**9/3,K/7 (Item 3 from file: 349)**

DIALOG(R) File 349:PCT FULLTEXT

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00933152 \*\*Image available\*\*

**EXTENDED WEB ENABLED MULTI-FEATURED BUSINESS TO BUSINESS COMPUTER SYSTEM  
FOR RENTAL VEHICLE SERVICES**

**SYSTEME INFORMATIQUE ETENDU ENTRE ENTREPRISES, A FONCTIONS MULTIPLES,  
FONCTIONNANT SUR LE WEB, POUR DES SERVICES DE LOCATION DE VEHICULES**

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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DE VALLANCE Kimberly Amm, 2037 Silent Spring Drive, Maryland Heights, MO  
63043, US, US (Residence), US (Nationality), (Designated only for: US)

HASELHORST Randall Allan, 1016 Scenic Oats Court, Imperial, MO 63052, US,  
US (Residence), US (Nationality), (Designated only for: US)

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TINGLE William T, 17368 Hilltop Ridge Drive, Eureka, MO 63025, US, US  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200267175 A2 20020829 (WO 0267175)

Application: WO 2001US51437 20011019 (PCT/WO US0151437)

Priority Application: US 2000694050 20001020

Parent Application/Grant:

Related by Continuation to: US 2000694050 20001020 (CIP)

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ PH PL PT RO RU SD SE SG SI SK  
SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 243912

Fulltext Availability:

Detailed Description

Detailed Description

... CODE

Output 8/0 numeric STATUS CODE LAST CHANGED DATE  
Output 6/0 numeric STATUS CODE LAST CHANGED TIME  
Output 10 character STATUS CODE LAST CHANGED PROGRAM  
output I character MACHINE ID  
output 10 character BRANCH CLAIMS OFFICE CODE...

9/3,K/8 (Item 4 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00844326 \*\*Image available\*\*

DIGITAL MEDIA RECEIPT

RECU A SUPPORT NUMERIQUE

Patent Applicant/Assignee:

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200177934 A1 20011018 (WO 0177934)  
Application: WO 2000US16117 20000612 (PCT/WO US0016117)  
Priority Application: US 2000194576 20000405

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG US UZ VN YU ZA ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE  
(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 2548

Fulltext Availability:

Detailed Description

Detailed Description

... is given to the

customer, The pricing information printed at the cash  
register is generally scanned from a UPC bar code on a  
tag attached to the product , and the receipt form may  
also contain preprinted advertising or other promotional  
information. It will...

....a

receipt embodied in a digital medium as part of the  
checkout of a purchased item . A scanner at the point-of  
sale cash register reads the barcode attached to the

**product** and through an intermediary Proxy Server receives product price information from a UPC or other...

...information or announcements of new stores or products may have been pre-recorded on all **receipts**. The digital media **receipt** is **readable** on electronic devices available to the customer, which can also provide the customer with links...

...in accordance with the invention.

#### DESCRIPTION OF THE PREFERRED EMBODIMENTS

Referring to Fig. 1, a **scanner** 10 reads information from the **tag** of a **product** being purchased, and

3

electronically transfers the data identifying the product to a cash register...

...ICA 18 \* As will be explained below (Fig. 2), personal customer information may be automatically **entered** into the **form**, such as the warranty **form**, at this time. The contents database 20 may also provide additional data, for example, instructions...as well as hybrid digital storage media such as magneto-optical disk.

The digital media **receipt** is recorded in a format that is **readable** on a customer's appropriate electronic device, and is compatible with communication via the Internet...

...chart of the programs running on the above designated computers is shown in Fig. 2, **Scanning** of **barcodes** 26 by the **scanner** 10 feeds **product** identification data to the cash register 12 and to the proxy server 12. The proxy...

...merged with the information returned from the contents database 20, and provides 38,, if appropriate,, **filled out forms** related to the transaction. If the answer is "no" and the customer does not want...

9/3,K/9 (Item 5 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00806382

METHOD FOR AFFORDING A MARKET SPACE INTERFACE BETWEEN A PLURALITY OF MANUFACTURERS AND SERVICE PROVIDERS AND INSTALLATION MANAGEMENT VIA A MARKET SPACE INTERFACE

PROCEDE DE MISE A DISPOSITION D'UNE INTERFACE D'ESPACE DE MARCHE ENTRE UNE PLURALITE DE FABRICANTS ET DES FOURNISSEURS DE SERVICES ET GESTION D'UNE INSTALLATION VIA UNE INTERFACE D'ESPACE DE MARCHE

Patent Applicant/Assignee:

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Inventor(s):

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200139028 A2 20010531 (WO 0139028)

Application: WO 2000US32308 20001122 (PCT/WO US0032308)

Priority Application: US 99444773 19991122; US 99444798 19991122

Designated States:

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AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GE GH GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV  
MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT  
TZ UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 170977

Fulltext Availability:

Detailed Description

Detailed Description

... in accordance with yet another mixed integer program and generating a corresponding electrical signal for **receipt** by said computer memory.

Demand and Supply Plannin 210

In accordance with an embodiment of...are necessary or desirable, it is customary to assign each authorized user an identification (ED) **number** or a password, or both, which must be used to gain access to the host...

...Companies may look to the present invention for assistance in creating a business strategy for **entering** the MNS market. Typically, this type of engagement will defines a company's target market...

9/3,K/10 (Item 6 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT  
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00801752 \*\*Image available\*\*

**APPARATUS AND METHOD FOR DIGITAL FILING**

**DISPOSITIF ET PROCEDE D'ARCHIVAGE NUMERIQUE**

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Patent and Priority Information (Country, Number, Date):

Patent: WO 200135273 A1 20010517 (WO 0135273)

Application: WO 2000US30676 20001108 (PCT/WO US0030676)

Priority Application: US 99436136 19991108

Designated States:

(Protection type is "patent" unless otherwise stated - for applications

prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM DZ EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT  
LU LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM  
TR TT TZ UA UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 23437

Fulltext Availability:

Claims

Claim

... this context, digital filing refers to the efficient management of paper-based information from its **receipt** at the desktop through an indexing, **scanning**, image storage and image retrieval process. The preferred embodiments of the present invention provide for...be sent out with a delivery driver, signed, and then returned to the company. After **receipt**, the paper-based **invoice** can be **scanned** using system 100 and the **invoice** will be automatically filed using the methods of the present invention.

Referring now to FIG...in FIG. 4b, label 420 contains an eye-legible information portion 424 and a computer **readable bar code** portion 426 printed on an acetate or similar film **product** 422. Label 420 most preferably comprises an opaque portion 425 and a clear portion 428...is anticipated

that commercial third party service providers such as Kinkos® and AlphaGraphics® which provide **service** centers at various locations nationwide will **enter** the **document scanning** market. A user can index and apply a **labels** to documents in a batch, then transport the batch of indexed documents to a third...

9/3,K/11 (Item 7 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

(c) 2004 WIPO/Univentio. All rts. reserv.

00794336 \*\*Image available\*\*

INTEGRATED COMMERCE ENVIRONMENT (ICE) - A METHOD OF INTEGRATING OFFLINE AND  
ONLINE BUSINESS

ENVIRONNEMENT DE COMMERCE INTEGRE (ICE) UN PROCEDE D'INTEGRATION  
D'ENTREPRISE HORS LIGNE ET EN LIGNE

Patent Applicant/Inventor:

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Legal Representative:

WESOLOWSKI Carl R (agent), Fleshner & Kim, LLP, P.O. Box 221200,  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200127838 A1 20010419 (WO 0127838)

Application: WO 2000US28068 20001012 (PCT/WO US0028068)

Priority Application: US 99158381 19991012

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CR CU CZ DE DK DM EE ES

FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU  
LV MA MD MG MK MN MW MX MZ NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR  
TT TZ UA UG US UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 60287

Fulltext Availability:

Claims

Claim

... the information in the customer's profile record.

1 If the customer has purchased a **commodity** (e.g., cellular airtime) in the past that provided a barcoded **receipt**, she may submit the **receipt** to be **scanned** in order to make a replenishing purchase of her cellular airtime account. The advantage of...database. e. When the prospective business user decides to subscribe, in a preferred embodiment, she **fills** in one or more **forms**. The **forms** provide information such as store profile (e.g., name of store, address, owner's name...).

9/3,K/12 (Item 8 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00784135

**A SYSTEM, METHOD AND ARTICLE OF MANUFACTURE FOR A LOCALLY ADDRESSABLE INTERFACE IN A COMMUNICATION SERVICES PATTERNS ENVIRONMENT**  
**SYSTEME, PROCEDE ET ARTICLE DE PRODUCTION METTANT EN OEUVRE UNE INTERFACE ADRESSABLE LOCALEMENT DANS UN ENVIRONNEMENT DE CONFIGURATIONS DE SERVICES DE COMMUNICATION**

Patent Applicant/Assignee:

ACCENTURE LLP, 1661 Page Mill Road, Palo Alto, CA 94304, US, US  
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Inventor(s):

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Legal Representative:

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2029 Century Park East, Los Angeles, CA 09967-3024, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200116727 A2-A3 20010308 (WO 0116727)

Application: WO 20000US24189 20000831 (PCT/WO US0024189)

Priority Application: US 99387064 19990831

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM  
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX  
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English  
Filing Language: English  
Fulltext Word Count: 151048

Fulltext Availability:  
Detailed Description

Detailed Description

... interrelations among the components. And it is a discipline whereby all these things come together - **materials**, space, people - to bring something into being that was not there before.

Although building architects...in. Whether this is called a client/server or Netcentric application is up to the **reader**. When presenting technology architecture information to clients, focus on the business capabilities that are offered...

9/3,K/13 (Item 9 from file: 349)  
DIALOG(R)File 349:PCT FULLTEXT  
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00762425 \*\*Image available\*\*

AN ELECTRONIC-RECEIPTS SERVICE  
SERVICE ELECTRONIQUE DE RECUS

Patent Applicant/Assignee:

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Inventor(s):

ALLAN Scott T, 2924 Hillside Drive, Burlingame, CA 94010, US,  
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Legal Representative:

KAUFMAN Michael A (et al) (agent), Flehr Hohbach Test Albritton & Herbert LLP, 4 Embarcadero Center, Suite 3400, San Francisco, CA 94111-4187, US

Patent and Priority Information (Country, Number, Date):

Patent: WO 200075834 A2-A3 20001214 (WO 0075834)  
Application: WO 2000US15368 20000602 (PCT/WO US0015368)  
Priority Application: US 99137575 19990604; US 99141380 19990628; US  
2000480883 20000110

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

CA JP

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 18738

Fulltext Availability:  
Claims

Claim

.....s sales agent the  
selected goods. The sales agent identifies each each of the selected  
items, by scanning each past a bar - code scanner (not shown) in  
the POS

system 126, for example. (The currently popular form of marking items for subsequent scanning for purchase is by Uniform Product Code (UPC). The use of UPC is well known in the art and is, therefore, not described... example, transaction, line-item and non-searchable tables). The administration-data role has permission to **read** and update information related to the administration of the electronic-receipts service.

23

-- Guest Role

The guest role has basic access and viewing rights to the...s sales agent the selected goods. The sales agent identifies each of f he selected items , by scanning each past the bar - code scanner (not shown) in the POS system 126, for example. The "cash-regisfer" portion 1262 enters...for payment, he swipes the card through the TC of the POS system 126 and enter

s his validating PIN number.

35

After the form of payment has been accepted, the POS system asks the customer whether he would like...

9/3,K/14 (Item 10 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT  
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00750927 \*\*Image available\*\*

PROMOTIONAL GAME PLAYED ONLINE

JEU OU LOTERIE AVEC UN PRIX VALIDE ET/OU REMBOURSE EN LIGNE

Patent Applicant/Inventor:

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LEASON David, 28 Garey Drive, Chappaqua, NY 10514, US, US (Residence), US (Nationality)

Legal Representative:

LEASON David (agent), Darby & Darby P.C., 805 Third Avenue, New York, NY 10022-7513, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200062879 A2-A3 20001026 (WO 0062879)

Application: WO 2000US11094 20000421 (PCT/WO US0011094)

Priority Application: US 99295943 19990421; US 99154346 19990917

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB GD GE HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 19504

Fulltext Availability:

Detailed Description

Detailed Description

... spent, the time of day and the transaction number, and that further information may be **entered** into the **form** I 000 as an integrity check to ensure that the player is an actual customer...The receipt typically includes other purchase transaction details and information, as described above. Preferably, the **receipt** 1 100 further includes a machine-readable code 1104 or is printed with magnetic ink to facilitate the award of any benefits...

...12 1 0 in any conventional manner such as by keying in the price or **code** of a **product** or by **scanning** a machinereadable **code** on the **product**'s packaging. An unassigned validation code is preferably retrieved at step 1220 from a data...

9/3,K/15 (Item 11 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT  
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00452733 \*\*Image available\*\*

**SYSTEM AND METHOD FOR REGISTERING AND MAINTAINING FIELD EQUIPMENT INVENTORY  
BASED ON INDIVIDUALIZED EQUIPMENT AND LOCATION INFORMATION**  
**SYSTEME ET PROCEDE PERMETTANT D'ENREGISTRER ET D'ENTREtenIR UN INVENTAIRE  
DES EQUIPEMENTS SUR LES SITES EXTERIEURS GRACE A UN EQUIPEMENT  
INDIVIDUALISE ET A DES INFORMATIONS DE LOCALISATION**

Patent Applicant/Assignee:

MCI COMMUNICATIONS CORPORATION,

Inventor(s):

HUGHES Craig T,  
STOKES Darel R,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9843197 A1 19981001

Application: WO 98US5592 19980324 (PCT/WO US9805592)

Priority Application: US 97823942 19970325

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AU CA JP MX AT BE CH DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Fulltext Word Count: 7239

Fulltext Availability:

Detailed Description

Detailed Description

... them through a registration process in a step-by-step fashion. The user begins the **registration** process by **entering** a starting location into the hand-held client. For example the user specifies a particular...

...user at the receiving end of the shipment, uses the hand-held client to indicate **receipt** by **scanning** **barcodes** associated with the received **equipment**.

---

Yet another feature of the present invention is that it can be used in the...

9/3,K/16 (Item 12 from file: 349)  
DIALOG(R) File 349:PCT FULLTEXT  
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00387763 \*\*Image available\*\*  
**CUSTOM PRODUCT ESTIMATING AND ORDER PROCESSING SYSTEM**  
**SYSTEME D'ESTIMATION DE PRODUITS PERSONNALISES ET DE TRAITEMENT DE**  
**COMMANDES**

Patent Applicant/Assignee:  
WALLACE COMPUTER SERVICES INC,

Inventor(s):

DUDLE James,  
LEATHERMAN Michael,  
MORISON Michael,  
SCHNELL Waldo,

Patent and Priority Information (Country, Number, Date):

Patent: WO 9728506 A1 19970807  
Application: WO 96US1429 19960202 (PCT/WO US9601429)  
Priority Application: WO 96US1429 19960202

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BB BG BR BY CH CN CZ DE DK EE ES FI GB GE HU IS JP KE KG  
KP KR KZ LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG  
SI SK TJ TM TR TT UA UG UZ VN KE LS MW SD SZ UG AT BE CH DE DK ES FR GB  
GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN ML MR NE SN TD TG

Publication Language: English

Fulltext Word Count: 22179

Fulltext Availability:

Detailed Description

Detailed Description

... them into the system at the end of the month.

The second method employs bar codes for perpetual inventory monitoring, that is, scanning bar codes on inventory items indicating receipt, on-order, usage and transfer transactions on a daily basis or as they occur. This...forms design itself can be stored as a template and used in later specification sheets, forms and labels, thereby reducing the need to reis enter data.

The information in the Forms Management subsystem can be integrated with the information of other subsystems to essentially instantaneously determine...

?

12/3,K/1 (Item 1 from file: 348)  
DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

00600427

System for dispatching sequentially outputted printed sheets into individually and variably assignable collection bins

System zum Verteilen sequentiell ausgegebener Druckseiten in individuell und variabel zuweisbare Sammelfächer

Système de distribution de feuilles imprimées sequentiellement sorties dans des cases de tri individuellement et variablement assignables

PATENT ASSIGNEE:

XEROX CORPORATION, (219781), Xerox Square - 020, Rochester New York 14644  
, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Kuo, Youti, 88 Fox Bourne Road, Penfield, New York 14526, (US)

LEGAL REPRESENTATIVE:

Mackett, Margaret Dawn et al (60332), Rank Xerox Ltd Patent Department Parkway, Marlow Buckinghamshire SL7 1YL, (GB)

PATENT (CC, No, Kind, Date): EP 585075 A1 940302 (Basic)  
EP 585075 B1 971105

APPLICATION (CC, No, Date): EP 93306609 930820;

PRIORITY (CC, No, Date): US 933640 920824; US 933831 920824

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: H04N-001/44; H04N-001/00;

ABSTRACT WORD COUNT: 272

LANGUAGE (Publication, Procedural, Application): English; English; English  
FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9710W5	1039
CLAIMS B	(German)	9710W5	1021
CLAIMS B	(French)	9710W5	1213
SPEC B	(English)	9710W5	13677
Total word count - document A			0
Total word count - document B			16950
Total word count - documents A + B			16950

...SPECIFICATION is U.S. Patent US-A-4,654,718. It refers to facsimile correspondence containing codes for telephone numbers and sensors in the receiving equipment for reading these telephone codes. This patent also notes in Col. 1 that facsimile systems can include in-house line...IBM punchcards and their multi-bin sorters, machines sorting physical (Post Office) mail by zip code, bar code label readers for product or invoice sorting, U.S. patents now printed with bar codes on their first page, and the...

...elongate edge mark for each row. The edge marks extend to the edge of the form. Areas to be filled in by a user are defined using some of the darkened areas. The form format minimizes...

12/3,K/2 (Item 2 from file: 348)

DIALOG(R) File 348:EUROPEAN PATENTS  
(c) 2004 European Patent Office. All rts. reserv.

00268394

Automatic dialing apparatus for establishing connections between authorised subscribers.

Automatische Nummernwahleinrichtung zum Herstellen von Verbindungen zwischen berechtigten Teilnehmern.

**Appareil de numerotation automatique pour etablir des connexions entre abonnes autorises.**

**PATENT ASSIGNEE:**

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, (applicant designated states: DE;FR;GB;IT)  
Kikuchi, Mitsuo, (878740), 3-22-215, Gyotoku-ekimae 4-chome, Ichikawa-shi Chiba-ken, (JP), (applicant designated states: DE;FR;GB;IT)

**INVENTOR:**

Kikuchi, Mitsuo, 3-22-215, Gyotoku-ekimae 4-chome, Ichikawa-shi Chiba-ken, (JP)

**LEGAL REPRESENTATIVE:**

Dempster, Benjamin John Naftel et al (62251), Withers & Rogers 4 Dyer's Buildings, Holborn, London EC1N 2JT, (GB)

**PATENT (CC, No, Kind, Date):** EP 252680 A2 880113 (Basic)  
EP 252680 A3 890607

**APPLICATION (CC, No, Date):** EP 87305832 870701;

**PRIORITY (CC, No, Date):** JP 86154165 860702; JP 86154166 860702

**DESIGNATED STATES:** DE; FR; GB; IT

**INTERNATIONAL PATENT CLASS:** H04M-001/66; H04M-001/274;

**ABSTRACT WORD COUNT:** 174

**LANGUAGE (Publication,Procedural,Application):** English; English; English  
**FULLTEXT AVAILABILITY:**

Available Text	Language	Update	Word Count
CLAIMS A	(English)	EPABF1	803
SPEC A	(English)	EPABF1	3368
Total word count - document A			4171
Total word count - document B			0
Total word count - documents A + B			4171

...SPECIFICATION a match with the same abbreviated dialing number in the RAM 22 and proceeds to **read** a telephone directory number associated with it.

2) On **receipt** of an abbreviated dialing number returned from a called party, microprocessor 14 of the calling...

...assigned to the called party.

5) In response to the detection of a coincidence in **item 4**, microprocessor 14 of the called party **reads** the assigned abbreviated dialing **number** from the RAM 22 and causes a tone generator 30 to generate a train of...

**12/3,K/3 (Item 1 from file: 349)**

DIALOG(R) File 349:PCT FULLTEXT

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01167240 \*\*Image available\*\*

**LASER SCANNING DEVICE FOR PRINTED PRODUCT IDENTIFICATION CODES**  
**DISPOSITIF DE BALAYAGE LASER POUR CODES D'IDENTIFICATION DE PRODUITS**  
**IMPRIMÉS**

**Patent Applicant/Assignee:**

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AU (Residence), AU (Nationality), (For all designated states except:  
US)

**Patent Applicant/Inventor:**

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Balmain, NSW 2041, AU, AU (Residence), AU (Nationality), (Designated  
only for: US)

LAPSTUN Paul, Silverbrook Research Pty Ltd, 393 Darling Street, Balmain,

NSW 2041, AU, AU (Residence), NO (Nationality), (Designated only for: US)

RUSMAN Jan, Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041, AU, AU (Residence), AU (Nationality), (Designated only for: US)

Legal Representative:

SILVERBROOK Kia (agent), Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, NSW 2041, AU,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200490796 A1 20041021 (WO 0490796)

Application: WO 2004AU401 20040402 (PCT/WO AU04000401)

Priority Application: AU 2003901617 20030407; AU 2003901795 20030415

Designated States:

(All protection types applied unless otherwise stated - for applications 2004+)

AE AG AL AM AT AU AZ BA BB BG BR BW BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NA NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PL PT RO SE SI SK TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 102745

Fulltext Availability:

Detailed Description

Detailed Description

... sale more than once. This allows the checkout to be partially or fully automated. Automatic **scanning** of 1 5 a traditional **UPC bar code**, which only identifies **item** class, is problematic because multiple scans of the same item are difficult to avoid and...

...to detect from the bar code alone. In an automatic checkout the EPC of an **item** is typically **read** many times to ensure that the EPC is **read** at all, but is only recorded as a sale once. The unique EPC also prevents the checkout operator from multi- **scanning** a single **item** to account for a **number** of similar **items**, a common time-saving practice which can lead to inventory inaccuracy and thereby undermine automatic reordering and replenishment.

It has been suggested that an **RFID** -based automatic checkout process can be as simple as wheeling a shopping cart full of **RFID** -tagged product **items** through a checkout zone continuously **scanned** by one or more **RFID readers**.

In reality, due to issues with radiopaque grocery **items**, an **RFID** -based automatic checkout is likely to require each **item** to pass through the **RFID reader**'s field individually. This may happen when the customer places the **item** in the cart, i.e. if the cart incorporates a reader, but is more likely...

...a conveyor to transport the item through the reader's field, or manually presents each **item** to the 3 0 **reader**'s field.

Similarly, whilst the use of **item** -level **RFID** tagging arguably makes

it possible to construct so-called smart shelves which incorporate **RFID readers** and continuously monitor RFIDtagged shelf content, practically this is once again subject to performance in...the appropriate multicast channels and receive their required content objects. They are then able to **populate** the previously pointcast **document** structures. This allows the page servers to add complete documents to their databases, and it

12/3,K/4 (Item 2 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT  
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01131935 \*\*Image available\*\*

**METHODS AND SYSTEMS FRO PROVIDING CONSUMER SERVICES INCLUDING COIN-COUNTING AND DIGITAL IMAGE PRINTING**

**PROCEDES ET SYSTEMES PERMETTANT DE FOURNIR DES SERVICES AUX CONSOMMATEURS NOTAMMENT LE COMPTAGE DE PIECES DE MONNAIE ET L'IMPRESSION D'IMAGES NUMERIQUES**

**Patent Applicant/Assignee:**

COINSTAR INC, 1800 114TH Avenue S.E., Bellevue, WA 98004, US, US  
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**Patent Applicant/Inventor:**

MARTIN Douglas A, 19525 N.E. 159th Street, Woodinville, WA 98072, US, US  
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ROWAN Peter, 5523-29th Avenue N.E., Seattle, WA 98105, US, US (Residence)  
, US (Nationality), (Designated only for: US)

SPRAKER Brent, 333 N.E. 58th Street, Seattle, WA 98105, US, US  
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**Legal Representative:**

ARNETT Stephen E (et al) (agent), Customer No. 25096, Perkins Coie LLP,  
P.O. Box 1247, Seattle, WA 98111-1247, US,

**Patent and Priority Information (Country, Number, Date):**

Patent: WO 200453788 A2 20040624 (WO 0453788)

Application: WO 2003US39720 20031212 (PCT/WO US03039720)

Priority Application: US 2002433133 20021212

**Designated States:**

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK  
LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC  
SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW  
(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE  
SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

**Publication Language:** English

**Filing Language:** English

**Fulltext Word Count:** 3096

**Fulltext Availability:**

Detailed Description

**Detailed Description**

... the images and print options desired for printing. Next, the customer completes the transaction by entering his or her mailing address and a suitable form of payment. In one embodiment, the customer can pay for the selected prints by swiping...

...unique, at least to the particular location and date or time. In one embodiment, the **voucher** is printed with a **scannable** code such as a bar code. This permits easy exchange of the **voucher**, e.g., by **scanning** the bar

7

code e.g., at a grocery or other retail check out stand in the same way universal **product code** (**UPC**) bar **codes** are **scanned**.

[0027] The apparatus records, preferably using a computer and recording onto a non-volatile media...

12/3,K/5 (Item 3 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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01129704

**DEAD NOZZLE COMPENSATION**

**COMPENSATION D'UNE BUSE HORS ETAT DE FONCTIONNEMENT**

Patent Applicant/Assignee:

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Patent Applicant/Inventor:

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JACKSON PULVER Mark, Silverbrook Reseach Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041, AU, AU (Residence), AU (Nationality), (Designated only for: US)

PLUNKETT Richard Thomas, Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041, AU, AU (Residence), AU (Nationality), (Designated only for: US)

SHIPTON Gary, Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041, AU, AU (Residence), GB (Nationality), (Designated only for: US)

SILVERBROOK Kia, Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041, AU, AU (Residence), AU (Nationality), (Designated only for: US)

LAPSTUN Paul, Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041, AU, AU (Residence), NO (Nationality), (Designated only for: US)

Legal Representative:

SILVERBROOK Kia (agent), Silverbrook Research Pty Ltd, 393 Darling Street, Balmain, New South Wales 2041, AU,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200450369 A1 20040617 (WO 0450369)

Application: WO 2003AU1616 20031202 (PCT/WO AU03001616)

Priority Application: AU 2002953134 20021202; AU 2002953135 20021202

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM

DZ EC EE EG ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC

LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU

SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

(EP) AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LU MC NL PT RO SE

SI SK TR

(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG

(AP) BW GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW

(EA) AM AZ BY KG KZ MD RU TJ TM  
Publication Language: English  
Filing Language: English  
Fulltext Word Count: 387411

Fulltext Availability:

Claims

Claim

... the page and operates with a constant paper velocity, color planes are printed in perfect **registration**, allowing ideal dot-on-dot printing. Dot-on-dot printing minimizes 'muddying' of midtones caused...

...formats are capable of exceeding the quality of commercial (offset) printing and photographic O reproduction.

**Document** Data Flow

6.1 CONSIDERATIONS

Because of the page-width nature of the bi-lithic...

...dithered (although the contone layer has an optional black component). A final layer of Netpage **tags** (in infrared or black ink) is optionally added to the page for printout. Figure 2...target bottom margin, in dots, for and contone black and contone. target left margin for **tags** 16-bit integer Width of target left margin, in dots, for tags. target top margin ...a trusted source. 10) At some subsequent point OEM code starts executing. The Silverbrook supervisor **code** acts as an OIS to the OEM user mode **code**. The OEM **code** must access most SoPEC functionality via system calls to the Silverbrook code. 11) The OEM...

...printhead assembly manufacture & test) to sign the operating parameters which are appended with a random **number** to thwart replay attacks. 4) The SoPEC checks the signature of the operating parameters using...

...printers may only be compromised one at a time by parties with the appropriate specialised **equipment**. Furthermore even if the SoPEC-id is compromised, the other keys in the system, which...signals during the first cycle of an access. The addressed slave responds by placing the **read** data on its bus and asserting its ready signal to indicate to the CPU that the **read** data is valid. Each block has a separate point-to-point data bus for read...

12/3,K/6 (Item 4 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT  
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00926004 \*\*Image available\*\*

METHOD AND APPARATUS FOR ENABLING A SUPPLIER TO VERIFY THE VALIDITY OF CONSUMPTION INFORMATION

PROCEDE ET DISPOSITIF PERMETTANT A UN FOURNISSEUR DE VERIFIER LA VALIDITE D'INFORMATIONS DE CONSOMMATION

Patent Applicant/Inventor:

BREU Konrad, Gundaroo Road, Murrumbateman, New South Wales 2582, AU, AU (Residence), AU (Nationality)

BREU Georg Snr, Gundaroo Road, Murrumbateman, New South Wales 2582, AU, AU (Residence), AU (Nationality)

Legal Representative:

PIZZEYS (agent), Suite 6, Level 2, Woden Plaza Offices, Woden Plaza, Woden, Australian Capital Territory 2606, AU,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200260120 A1 20020801 (WO 0260120)  
Application: WO 2002AU50 20020122 (PCT/WO AU0200050)  
Priority Application: AU 20012723 20010123

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ  
EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR  
LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI  
SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW  
(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE TR  
(OA) BF BJ CF CG CI CM GA GN GQ GW ML MR NE SN TD TG  
(AP) GH GM KE LS MW MZ SD SL SZ TZ UG ZM ZW  
(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 4023

Fulltext Availability:

Detailed Description

Detailed Description

... allowing a customer with a mobile phone supporting the Wireless Application Protocol to receive the **form** and **enter** usage information using the keypad of the phone while in front of the service metering... the system are not limited to those described above. The presence of a short, human **readable** but secure verification **code** allows verifiable usage information to be communicated to the **service** provider by the customer using any mechanism supporting the transmission of numerical information. In all...

12/3,K/7 (Item 5 from file: 349)

DIALOG(R) File 349:PCT FULLTEXT

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00762480 \*\*Image available\*\*

DISPLAYING COLOR ADVERTISEMENTS ON POINT-OF-SALES/SERVICE (POS) PLATFORMS  
AFFICHAGE DE PUBLICITES EN COULEURS SUR DES PLATEFORMES DE POINTS DE VENTES  
OU DE SERVICES (POS)

Patent Applicant/Assignee:

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(Residence), US (Nationality)

Inventor(s):

ALLAN Scott T, 2924 Hillside Drive, Burlingame, CA 94010, US  
MILES Jeffery T, 6196 Gilder Drive, San Jose, CA 95123, US  
STOUT J Gregory, 642 Calients #23, Sunnyvale, CA 94086, US  
VALLIANI Aziz, 1111 Tewa Court, Fremont, CA 94539, US  
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KAREEMI Nazim, 2145 Emerson Street, Palo Alto, CA 94301, US

Legal Representative:

MENDENHALL Larry, Flehr Hohbach Test Albritton & Herbert LLP, Suite 3400,  
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Patent and Priority Information (Country, Number, Date):

Patent: WO 200075890 A1 20001214 (WO 0075890)  
Application: WO 2000US15363 20000602 (PCT/WO US0015363)

Priority Application: US 99137575 19990604; US 99141380 19990628; US  
2000480883 20000110

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

CA JP

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

Publication Language: English

Filing Language: English

Fulltext Word Count: 18002

Fulltext Availability:

Claims

Claim

... goods.

The customer presents to the merchant 120's sales agent the I O selected goods . The sales agent identifies each of the selected items , by

scanning each past a bar - code scanner (not shown) in the POS system 126,

for example. (The currently popular form of marking items for subsequent

scanning for purchase is by Uniform Product Code ( UPC ). The use of UPC is

well known in the art and is, therefore, not described...example, transaction, line-item and non-searchable tables).

The administration-data role has permission to read and update information related to the administration of the electronic-receipts service.

23

-- Guest Role

The guest role has basic access and viewing rights to the...120's sales agent the

selected goods. The sales agent identifies each of the selected items , by I O scanning each past the bar - code scanner (not shown) in the POS system

126, for example. The "cash-register" portion 1262 enters...Login page for registered users

[Contact 1.1sl 0 Sign Nie IJI) (SSL) - First time registration process to enter profile and validate

IISearch user

Knowledge Basel 0 About 11rivacy - Detailed statement of our privacy... page for Quicken and Excel

format

File lt(SSL) - File this particular receipt

View Signature Form (SSL) - Ask user to fill in a form before displaying a signature

Signature Page(SSL) - Displaying receipt details with signature

0 Download Data...

12/3,K/8 (Item 6 from file: 349)

DIALOG(R)File 349:PCT FULLTEXT

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00752108 \*\*Image available\*\*

SYSTEM AND METHOD FOR PROVIDING ELECTRONIC INFORMATION UPON RECEIPT OF A SCANNED BAR CODE

SYSTEME ET PROCEDE CONCUE POUR FOURNIR DES INFORMATIONS ELECTRONIQUES DES RECEPTION D'UN CODE A BARRES SCANNE

Patent Applicant/Assignee:

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33319, US, US (Residence), US (Nationality)

Inventor(s):

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BERNSTEIN Richard N, 10220 SW 142nd Street, Miami, FL 33176, US,

Legal Representative:

BARKUME Anthony R (agent), Greenberg Traurig, LLP, 885 Third Avenue, 21st  
Floor, New York, NY 10022, US,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200065509 A2 20001102 (WO 0065509)

Application: WO 2000US10838 20000421 (PCT/WO US0010838)

Priority Application: US 99296479 19990422

Designated States:

(Protection type is "patent" unless otherwise stated - for applications  
prior to 2004)

AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK DM EE ES FI GB  
GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA  
MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA  
UG UZ VN YU ZA ZW

(EP) AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE

(OA) BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG

(AP) GH GM KE LS MW SD SL SZ TZ UG ZW

(EA) AM AZ BY KG KZ MD RU TJ TM

Publication Language: English

Filing Language: English

Fulltext Word Count: 10595

Fulltext Availability:

Detailed Description

Detailed Description

... additional information. For example, a first portal page displayed to  
a user may identify a **number** of **items** whose bar **codes** were **scanned**  
by the user and transmitted to system 1 00. For each item a description  
(or...web browser or other user interface.

3 0 In this embodiment the program facilitates the **receipt** and storage  
of bar code (e.g., bar code representations) **scanned** by a user. The  
program may be configured to automatically launch a web browser (or...

...directional or other.

In a present embodiment of the invention a user may use a **bar code**  
**scanner** to **scan bar code** 160 (e.g., from a product, a **document**  
or other **item**) or may manually **enter** its associated character  
representation. The device used to scan a bar code may take any...of bar  
codes scanned by the user, links or other information associated 5 with  
the **items** corresponding to the **scanned bar codes**, etc.

In this alternative embodiment, a second database may be termed a code  
database and...

...of the code database may be to identify a URL that is pertinent to an  
**item** whose **bar code** was **scanned** by a user.

The third database in this alternative embodiment is a content database  
similar...

DIALOG(R) File 349:PCT FULLTEXT  
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00557611 \*\*Image available\*\*

**A GLOBAL VALUE EXCHANGE SYSTEM AND METHOD**  
**SYSTEME ET PROCEDE D'ECHANGE GLOBAL DE VALEURS**

Patent Applicant/Assignee:

MASSEY Michele,  
TENG Wai Chong,  
HOPE Alan,

Inventor(s):

MASSEY Michele,  
TENG Wai Chong,  
HOPE Alan,

Patent and Priority Information (Country, Number, Date):

Patent: WO 200020984 A1 20000413 (WO 0020984)  
Application: WO 98US21306 19981008 (PCT/WO US9821306)  
Priority Application: WO 98US21306 19981008

Designated States:

(Protection type is "patent" unless otherwise stated - for applications prior to 2004)

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH GM  
HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX  
NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW GH  
GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY DE DK ES  
FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN  
TD TG

Publication Language: English

Fulltext Word Count: 7035

Fulltext Availability:

Detailed Description

Detailed Description

... not is correct (355), the input operator will make the necessary corrections to the previously **entered** data from the information in the card application **form** (360). When all the information is correct, the data is moved to a temporary card...

...the portion, if any, which will be applied or subtracted from the consumer's total **bill** (515). The POS system may **read** the card at any point in the checkout process. For each **product** purchased, a **product UPC code** is **scanned** at the point of sale (520). The system queries the price lookup table (525) for...data base (672) at which point the transaction data base is emptied (674) and **readied** for the next **receipt** of transaction information from the retail outlets.

FIG. 7, which is complete on two pages...

?

```
? show files;ds
File 15:ABI/Inform(R) 1971-2004/Nov 22
    (c) 2004 ProQuest Info&Learning
File 16:Gale Group PROMT(R) 1990-2004/Nov 22
    (c) 2004 The Gale Group
File 148:Gale Group Trade & Industry DB 1976-2004/Nov 23
    (c) 2004 The Gale Group
File 160:Gale Group PROMT(R) 1972-1989
    (c) 1999 The Gale Group
File 275:Gale Group Computer DB(TM) 1983-2004/Nov 23
    (c) 2004 The Gale Group
File 621:Gale Group New Prod.Annou.(R) 1985-2004/Nov 23
    (c) 2004 The Gale Group
```

Set	Items	Description
S1	3342480	SCAN? OR READ? OR OCR? OR SWIPE? OR SWIPING
S2	191273	S1(10N)(BAR()CODE? OR BARCODE? OR UPN OR UPC OR CODE? ? OR NUMBER? ? OR RFID OR IDENTIFIER? OR TOKEN? OR TAG? ? OR LABEL? ? OR WEARABLE? OR EMBLEM?)
S3	44773	S2(10N)(PRODUCT? ? OR GOODS OR SERVICE? ? OR ITEM? ? OR MA- TERIAL? ? OR MERCHANDISE OR EQUIPMENT? ? OR COMMODIT? OR WARES OR BOOK? ?)
S4	26250	S1(10N)(RECEIPT? OR SLIP? ? OR INVOICE? ? OR PROOF(1W)(PUR- CHASE OR PAYMENT) OR VOUCHER? ? OR ACKNOWLEDGEMENT OR AIRBILL OR BILL OR CHIT OR CHITS OR WAYBILL OR WAY()BILL OR SHIPPING(- )NOTE)
S5	5681333	AUTOFILL? OR AUTO?(N)FILL? OR POPULATE? OR FILL?()IN OR EN- TER? OR FILL?()OUT OR FILLOUT OR IMPORT? ? OR IMPORTING
S6	179553	S5(10N)(FORM? ? OR QUESTIONNAIRE? ? OR SURVEY OR FEEDBACK - OR TEMPLATE? ? OR CUSTOMER()RESPONSE OR DOCUMENT? ? OR REGIS- TRATION OR REGISTRY)
S7	49	S3 AND S4 AND S6
S8	41	S7 NOT PY>2001
S9	35	RD (unique items)

? t9/3,k/all

**9/3,K/1 (Item 1 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01958952 46915505  
**Sabre scanner makes the cut with ergonomics, set up ease**  
Adams, Russ  
Automatic I.D. News v15n12 PP: 57 Nov 1999  
ISSN: 0890-9768 JRNL CODE: AIN  
WORD COUNT: 872

...TEXT: wife's mail-order pearl jewelry business. The problem we had was the need to **scan** a **Code 39** customer **invoice number**, followed by an Interleaved 2 of 5 US. Postal **Service** delivery confirmation label. The system puts the delivery confirmation tracking number into the customer...

...solve: I wanted to be able to scan a Code 39 customer order number and **enter** the number into the first field of a Web **form**. I then wanted to move the cursor to the next field, ready for the scanner...

---

**9/3,K/2 (Item 2 from file: 15)**  
DIALOG(R)File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01879914 05-30906

**Talk is cheap (or better!)**

Fox, Robert P

Legal Assistant Today v17n1 PP: 38-40 Sep/Oct 1999

ISSN: 1045-6686 JRNL CODE: LAT

WORD COUNT: 1605

...TEXT: displayed in the browser window. You can even draft replies, though usually it's through **fill - in -theblank forms**. Another drawback to these services is that many of their users exploit their anonymous nature...

...put this number on business cards or resumes or letterhead. Any fax sent to that **number** will arrive in your e-mail in-box, **ready to read**. These fax-for-free **services** are paid for by advertising, so your fax may display advertising in a separate window... check out and compare the different services before you "buy."

If, by chance, you're **reading** this while you're on your lunch break, the **bill** has probably arrived, bringing new life to the old cliche that there's no such...

**9/3,K/3 (Item 3 from file: 15)**

DIALOG(R)File 15:ABI/Inform(R)

(c) 2004 ProQuest Info&Learning. All rts. reserv.

01703607 03-54597

**Imaging joins the mainstream of computing**

Bosma, Mark

Document World v3n2 PP: 19-27 Apr/May 1998

ISSN: 1025-9228 JRNL CODE: DCMW

WORD COUNT: 3722

...ABSTRACT: are becoming more and more alike. Major suppliers are bundling all their products related to **document** management and selling them as **enterprise** suites, or they are developing a new product with all the functionalities of their other...

...TEXT: are becoming more and more alike. Major suppliers are bundling all their products related to **document** management and selling them as **enterprise** suites (e.g. IBM with its EDMSuite), or they are developing a new product with... document management products into a suite to offer a one-stop solution to buyers. The **Enterprise Document Management Suite** (EDMSuite) consists of four different products intended to complement one another and integrate...

... Doc is an information management system that can be used to produce an easy-to-use **enterprise** -wide method of managing Notes **documents**. The **document** management system is distributed in several ways:

\* Capture: documents can be added from different sources...

... has also integrated all its products into what is referred to as the foundation for **enterprise** **document** management. Companies can combine products to create a solution which meets their business requirements. FileNET' ...range of products on offer, targeting different customers. For instance, the Saros product family offers **enterprise** scalable **document** management throughout the document life-cycle. For imaging, the FileNET Workflo Business System (WBS) can be used for complex...  
...family consists of Panagon IDM Capture for fast and efficient capture of

an organisation's documents anywhere across the enterprise . It facilitates scanning with automated batch and document separation, document assembly, automated indexing, bar - code recognition, image enhancement and quality assurance. Because of the product 's flexible architecture, these functions can operate in parallel and since Capture can operate independently...

... organisations who want to digitise all their document flows. Implementations of tens of thousands of documents per day have been realised for insurance and banking enterprises . Eastman Software Imaging for NT has all the basic imaging functionality: scanning, OCR zones, indexing...

... the needs of knowledge workers who create, process and manage business critical information throughout the enterprise . With WorkFolder for Exchange (WFX) and Document Manager for Exchange (DMX) they are building collaborative work tools on the e-mail communication...and SAP-generated documents, as well as database files. It captures original documents such as invoices , delivery notes or correspondence with a scanner and stores them on magnetic or optical media. It is possible to archive outgoing documents...

... in most organisations is still in the early stages. The leading vendors are all offering enterprise -wide document management solutions but the companies that have put document management onto every desktop are still rare. There have been successful implementations on a departmental...

9/3,K/4 (Item 4 from file: 15)  
DIALOG(R) File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

01401366 00052353  
To thine local telco be true  
Davis, Stephania H  
Telephony v232n14 PP: 48 Apr 7, 1997  
ISSN: 0040-2656 JRNLD CODE: TPH  
WORD COUNT: 574

ABSTRACT: Of the 1,005 consumers responding to a recent survey from Price Waterhouse's Entertainment , Media and Communications Group, 40% said they would rather purchase all their communications services from...

... complaints (21%), a single phone number to call for information (21%), and an easy-to- read bill (14%). ...

...TEXT: best position to serve a residential consumer's complete communications needs, according to a recent survey from Price Waterhouse's Entertainment , Media and Communications Group and Kenan Systems Corp.

Of the 1005 consumers polled in early...

...Acquisition means luring, and that can be very expensive."

"This is where an easy-to- read bill comes in," Slavick said. "The bill is a marketing message itself."

With or without competition between LECs and IXCs, the Price...

...dial tone above prompt and courteous response to questions and complaints (21), a single phone number to call for information (21), and

an easy -to- read bill (14). roV

(Graph Omitted)

Captioned as: PREFERENCE OF SERVICE FOR NOME COM"NIMMONS NEEDS

9/3,K/5 (Item 5 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01232460 98-81855

The front end of the future

Anonymous

Progressive Grocer The Front End Supplement PP: 21-22 May 1996

ISSN: 0033-0787 JRNL CODE: PGR

WORD COUNT: 1527

...TEXT: have a card that says you're a loyal shopper--and you've passed some **form** of screening. You swipe the card when you **enter** the store and you take a handheld terminal off a rack. That terminal is loaded with all of the prices of all the items in the store. Every time a **product** is selected, the consumer **scans** its **bar code**, hits a button [registering the purchase], puts the **item** in the cart and continues to go through the store. Items that you want to...

... it. Then the consumer goes to a pay station. "The cashier at the pay station **scans** the bar code and tells you how much your **bill** is," says Terbeek. "Then you pay and leave without having to unpack and repack your

...

9/3,K/6 (Item 6 from file: 15)

DIALOG(R)File 15:ABI/Inform(R)

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01134816 97-84210

Virtual customs

Sheppard, Maria D

CA Magazine v128n10 PP: 29-30+ Dec 1995

ISSN: 0317-6878 JRNL CODE: CCA

WORD COUNT: 2069

...ABSTRACT: first EDI initiative. Labeled CADEX, it allows an importer or broker to transmit the accounting **documents** for an **import** shipment directly to Customs. In turn, Customs provides the importer with an invoice at the...

...TEXT: clarifications, full knowledge of import shipment status, automatic calculation of landed costs, and efficiencies in **import document** preparation.

The innovative program got its start in the late 1980s, when Otto Jelinek, then...

... was launched in 1988. CADEX allows an importer or a broker to transmit the accounting **documents** for an **import** shipment directly to Customs. In turn, Customs provides the importer with an invoice at the...on minimum documentation." An importer simply puts -- or has the exporter put a bar-coded label on the commercial **invoice** accompanying the **goods**, and Customs then **scans** the **bar code** at the port of entry. (If the

importer or exporter cannot apply the label, an...

9/3,K/7 (Item 7 from file: 15)  
DIALOG(R) File 15:ABI/Inform(R)  
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01057080 97-06474  
**Electronic commerce: Revenue Canada helping Canadian companies save time and money**  
Chudleigh, Michael; Sheppard, Maria  
CMA Magazine v69n5 PP: 22-24 Jun 1995  
ISSN: 0831-3881 JRNL CODE: RIA  
WORD COUNT: 1757

...TEXT: deal with on your own. An importer simply puts, or has the exporter put, a **bar - coded label** on the commercial **invoice** accompanying the **goods**. Customs then **scans** the **code** at the port of entry. If the importer or exporter cannot apply the label, an...incredibly efficient. Iris Jameson from Hallmark Cards in Toronto says, "The time savings alone on **import document** preparation are running at about B5 per cent per truckload." Many companies are able to...

9/3,K/8 (Item 8 from file: 15)  
DIALOG(R) File 15:ABI/Inform(R)  
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00959111 96-08504  
**The impact of EDI on credit and sales**  
Hill, Ned C; Swenson, Michael J  
Business Credit v97n1 PP: 24-28 Jan 1995  
ISSN: 0897-0181 JRNL CODE: CFM  
WORD COUNT: 3622

...TEXT: buyer and salesperson. The buyer decides on items to purchase and the salesperson assists by **filling out** the order **form** and perhaps even by calling in the order to the selling firm. The seller fills...

... returned merchandise ordered in error. However, Bergen Brunswig now receives orders through a hand-held, **bar code** scanner employed by the pharmacist. For each **product** order, **UPC** (Uniform Product Code) **numbers** are **scanned** via laser and the pharmacist enters the quantity desired. The order is downloaded to a...payable systems require about that amount of time to fully process and approve a paper **invoice** and then approve the creation of a check **ready** to mail.

Paper-based credit terms typically involve serious ambiguities, such as, when does the...

9/3,K/9 (Item 9 from file: 15)  
DIALOG(R) File 15:ABI/Inform(R)  
(c) 2004 ProQuest Info&Learning. All rts. reserv.

00561790 91-36145  
**Using Image Scanners to Create and Access Electronically Stored Documents**  
Clark, John M.  
ARMA Records Management Quarterly v25n3 PP: 9-13, 16 Jul 1991  
ISSN: 0191-1503 JRNL CODE: RMQ

WORD COUNT: 3428

ABSTRACT: Scanners process information in 3 different ways: 1. specialized, or code , scanning , which enters information contained on forms or precoded materials into databases, 2. imaging scanning, also known as bit-mapping, and 3. optical character recognition...

... firms, for instance, generate increasingly unwieldy amounts of documents, such as checks and credit card receipts . Another advantage is the automatic indexing of full image scanned records utilizing a parallel OCR system. Image scanning also preserves the integrity of the document... TEXT: In 1985 a person using a manual or online reference source to retrieve material on the impact of optical scanners would probably have found mostly articles on bar code and other specialized scanners . Five years later the development and use of optical document scanners predominates in the literature...

... the actual substance, of the base and the medium along with the information.

Specialized scanning enters information contained on forms or precoded material into databases. OCR, as described above, converts scanned images into computer readable...forms management is another area which can benefit from the judicious use of image scanning. Forms , by their nature, are records upon which information has been entered by others for the organization's purposes. Many forms are designed specifically to be read by special scanners. The information derived is then entered into electronic databases for use.

#### LEGAL ISSUES

Other forms can be image scanned and then converted by OCR technology into virtual records from which...

9/3,K/10 (Item 1 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

07991887 Supplier Number: 62702282 (USE FORMAT 7 FOR FULLTEXT)  
YOUR GUIDE TO BUSINESS, SERVICE MANAGEMENT, MARKETING AND TRAINING  
SOFTWARE.

Contracting Business, v57, n5, p114

May, 2000

Language: English Record Type: Fulltext

Document Type: Magazine/Journal; Trade

Word Count: 4801

Just target the software products that interest you, circle the corresponding numbers on the preaddressed postage-paid reader service card in this issue and drop it in the mail. You'll receive more detailed... Its document

imaging software eliminates the need to copy, file, retrieve, and re-file by scanning , storing, indexing, retrieving, and transmitting invoices , POs, time cards, job documents, and employee, customer, and vendor files. Onsite training and remote...

software and handheld computers,

eliminating paperwork and data entry tasks associated with interval site or equipment inspections. Using barcodes and integrated laser scanners, TaskMaster tracks and documents inspections and work orders. Its comprehensive reporting capabilities ensure 100% compliance...

...be shared across multiple

projects. New project wizard streamlines creating new projects and saves values entered. Project management director includes 65 templates based on PMI guidelines.

Wenn/Soft  
Service

Contact  
vendor

Award-winning Service Management series facilitates...

**9/3,K/11 (Item 2 from file: 16)**  
DIALOG(R) File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

06692660 Supplier Number: 55989994 (USE FORMAT 7 FOR FULLTEXT)  
**United We Stand.**

HICKEY, KATHLEEN  
Traffic World, v259, n13, p40  
Sept 27, 1999  
Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 708

... Intermec Intellitag-RFID tags and labels will be placed in a handheld container. As the items move through a point-of-sale system, the RFID interrogator will read the tags and labels, display product information and prices on a point-of-sale computer touch screen. The RFTD data is...

...P13 solution to complete the transaction, providing the patron a purchase review screen, credit card 'swiping' capabilities' and a receipt printed on an Intermec printer," said a spokesperson for Intermec, a UNOVA company. For more...

...Manager Server enables users to automatically distribute output from R/3 to anywhere in the enterprise, either over the web or via printed document . The application "eliminates the need for specialized scripts needed to format reports' for printing, said...

**9/3,K/12 (Item 3 from file: 16)**  
DIALOG(R) File 16:Gale Group PROMT(R)  
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05308641 Supplier Number: 48081059 (USE FORMAT 7 FOR FULLTEXT)  
**Visioneer Announces PaperPort EasyPay for Quicken and QuickBooks From**

**Intuit**  
PR Newswire, p1027LAM044  
Oct 27, 1997

Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 655

... new addition to their full line of award-winning personal imaging systems. PaperPort EasyPay automatically **reads** numbers from scanned **documents** such as **invoices** and **enters** the information into the appropriate fields of Quicken and QuickBooks from Intuit, Inc. (Nasdaq: INTU...)

...and place it directly into your check register or ledger in seconds. Users start by **scanning** an **invoice** into their computer using PaperPort EasyPay software. Instantly the PaperPort desktop is launched and a...

...invoices. PaperPort EasyPay's Wizard guides the user through the training process. First, a new **invoice** is identified and assigned areas in which information will be **read** by the software. EasyPay then asks what account, transaction type, vendor, and category the invoice...

...always looking for ways to make small business finances faster and easier," said Susan Doherty, **Product** Marketing Manager at Intuit. "EasyPay's ability to instantly **scan** bills and **invoices** into QuickBooks, the **number** one best selling small business accounting package, should be a true time saver for small...

9/3,K/13 (Item 4 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

05080362 Supplier Number: 47457692 (USE FORMAT 7 FOR FULLTEXT)  
**Teller Efficiency, Transaction Security Improved Under ZEUS 2.0 Service**  
**Delivery System with Check Scanners and Card Readers.**

Business Wire, p06110205  
June 11, 1997  
Language: English Record Type: Fulltext  
Document Type: Newswire; Trade  
Word Count: 846

... for transactions, and the Welch Allyn SCANTEAM(R) 8300 (ST8300) MICR check reader, which automatically **enters** customer data into the teller system, scans MICR encoded **documents** and screens for fraudulent checks.

With these peripherals tied into ZEUS, a teller can quickly access customer information by inserting a deposit **slip** into the check **reader** or an ATM card into a PIN-pad. Teller productivity is further improved by the system's ability to read MICR checks and other **documents**. The system also allows the customer to **enter** a PIN, speeding identification.

"By incorporating Atalla and Welch Allyn's powerful technologies into ZEUS..."

...Welch Allyn was founded in 1915. Its Data Collection Division manufactured the first hand-held **bar code scanner** back in 1972. Today, the **product** line includes a variety of hand-held and fixed **position\_bar\_code\_scanning\_products**, terminals, decoders, chips and applicable software. Welch Allyn spans the globe with offices throughout North...

9/3,K/14 (Item 5 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

04079349 Supplier Number: 45941033 (USE FORMAT 7 FOR FULLTEXT)

**Delivering The Enterprise**

Network Computing, p68  
Nov 15, 1995

Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 4784

(USE FORMAT 7 FOR FULLTEXT)

**TEXT:**

...an order for 1,000 fuel pumps to the latest Blockbuster movie. We tested eight **products** that could provide this infrastructure. Among those, we found a **number** that are truly **ready**, including Lotus Notes, Oracle Office, Hewlett-Packard OpenMail, Digital **Equipment** MailWorks, ICL TeamWARE and Enterprise Solutions ESL EXM Mail.

... client GUI by a user with administrative rights. To perform almost any management task, you **fill** in a **form** and ship it off to a Notes database. The appropriate Notes server or group of...  
on the client and server

- \* Server and network loads for:
- \* User message transmission
- \* User message **receipt / read**
- \* Number and types of rules running on server
- \* User directory access
- \* User public information store...

9/3,K/15 (Item 6 from file: 16)  
DIALOG(R)File 16:Gale Group PROMT(R)  
(c) 2004 The Gale Group. All rts. reserv.

01986755 Supplier Number: 42544733 (USE FORMAT 7 FOR FULLTEXT)

**Scanning Said to Help Boost Service, Cut Human Error**

Supermarket News, p41  
Nov 25, 1991

Language: English Record Type: Fulltext  
Document Type: Magazine/Journal; Trade  
Word Count: 337

... incorrectly, average about 7,700 cases per year. We believe we can substantially reduce this **number** by using **bar code scanners** to assist in the verification of orders," Oakes said.

Customer **service** is also given a boost when using bar coding and **scanning** technology, because it reduces the time needed to produce an **invoice** when catch weight product is involved, Oakes said.

Moreover, Oakes said **bar coding and scanning**....

---

...is received at the warehouse, bar coding and scanning reduces the time

required to manually enter receiving documents , improves input accuracy and ensures the product billed for is received at its precise weight...

...to ensure proper product rotation and improve quality control, Oakes said.

Financial. Bar coding and scanning cuts down on lag time between sending invoices and receiving payments and reduces quality adjustment expenses.

9/3,K/16 (Item 1 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

11170776 SUPPLIER NUMBER: 55072426 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Free, friendly software uncomplicates power-supply design.**

Travis, Bill  
EDN, 44, 12, 85  
June 10, 1999

ISSN: 0012-7515 LANGUAGE: English RECORD TYPE: Fulltext  
WORD COUNT: 2782 LINE COUNT: 00233

... simulation tool over a 30-day period for a total of 30 to 45 minutes, fill out a brief survey , and talk briefly with a member of the Virtual Power Lab development team. Your total...

...on the products available from all of the vendors listed in this box, circle one number on the reader service card. Circle No. 308

REFERENCES

- (1.) Travis, Bill , "Living with losses: tips on using magnetic components," EDN, Jan 21, 1999, pg 77.  
(2...

9/3,K/17 (Item 2 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

10504037 SUPPLIER NUMBER: 21186691 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**A manager's primer in electronic commerce.**

Urbaczewski, Andrew; Jessup, Leonard M.; Wheeler, Bradley C.  
Business Horizons, v41, n5, p5(12)  
Sept-Oct, 1998

ISSN: 0007-6813 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 8201 LINE COUNT: 00667

... To maintain transaction accounting, the Web server is attached to the firm's database. Through forms on the Web page, the user enters personal data and any payment information, which is sent to the database, stored, and used...scan its pages must be computing connoisseurs. Users are given a free membership and ID number , and can then scan the products for sale by product type and manufacturer. When a user finds a potential purchase, he can read a product...

...and shipping cost, then add it to the electronic shopping cart. When the transaction is ready to be completed, an invoice with all the goods in the shopping cart is presented and the user confirms the...

---

9/3,K/18 (Item 3 from file: 148)

DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

08911102 SUPPLIER NUMBER: 18515364

**Electronic water meter reading reduces estimates... improves service.**

Houchins, Donald; Posinski, Alison; Richardson, Dave  
Public Works, v127, n7, p36(2)

June, 1996

ISSN: 0033-3840 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1397 LINE COUNT: 00114

... efficient customer service difficult when a customer called with an inquiry or complaint about a bill .

Understanding that the OCR machine would need repair or replacement soon, department officials decided to look into alternative meter...

...for the following day into the other card.

Meter readers also have the ability to enter free form text as well as note codes into the handhelds. This was considered an important and complete. Employees are also aware of the exact percentage of meters that have been read on their route. With the aid of note codes , the department can determine which meters are not being read consistently and the reasons why.

These statistics also have customer service benefits. The department can keep track of monthly and yearly usage averages, which may help...

**9/3,K/19 (Item 4 from file: 148)**

DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

07997011 SUPPLIER NUMBER: 17285172 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Revenue Canada helping Canadian companies save time and money. (Electronic Commerce)**

Chudleigh, Michael; Sheppard, Maria  
CMA - the Management Accounting Magazine, v69, n5, p22(3)  
June, 1995

ISSN: 0831-3881 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 1857 LINE COUNT: 00152

...ABSTRACT: a phone line in its office and communicate directly with Customs. Importers simply place a bar - coded label on the commercial invoice of goods which is then scanned by Customs at the port of entry. Through the CADEX system, importers receive invoice from...

... deal with on your own. An importer simply puts, or has the exporter put, a bar - coded label on the commercial invoice accompanying the goods . Customs then scans the code at the port of entry. If the importer or exporter cannot apply the label, an...incredibly efficient. Iris Jameson from Hallmark Cards in Toronto says, "The time savings alone on import document preparation are running at about 85 per cent per truckload." Many companies are able to...

**9/3,K/20 (Item 5 from file: 148)**

DIALOG(R) File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

07965176 SUPPLIER NUMBER: 17184298 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Quick response: the consumer's handshake with manufacturing at Union Tools.  
(UnionTools Inc.)**

Allen, Robert M., Jr.  
National Productivity Review, v14, n3, p27(12)  
Summer, 1995  
ISSN: 0277-8556 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 3850 LINE COUNT: 00328

... Exhibit 1. The steps are:

1. Customers enter the store and choose the product or **products** they wish to purchase.
2. At the checkout register, a **scanner** or wand **reads** the UPC **barcode** on the **products** at the point of sale (POS). A couple of things happen here. First, the scanned...

...gives Union a jump on its competitors. Daily POS information also gives Union real-time **feedback** for the **enterprise**'s planning system and stabilizes manufacturing schedules. A better allocation of facilities and resources is...time inventory information from retailer distribution center networks. As merchandise is cross-docked from the **receipt** of supplier deliveries to shipment to retail outlets, **scanning** devices collect the transfer information and send it back to Union. This capability to collect

...

9/3,K/21 (Item 6 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

07259722 SUPPLIER NUMBER: 15234691 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**ABA at LA: the most complete listing of exhibitors, offers, events. (1994**

**American Booksellers Association convention; Los Angeles, California**) (includes related articles on Los Angeles and on the convention schedule and booth assignments) (Cover Story)

Mutter, John; Theroux, Peter; McCullough, Bob; Simon, Carey; Solomon, Charlene Marmer; Jones, Margaret; Riepert, Ray; Kinsella, Bridget; Parisi, Joy; Sanborn, Margaret; Zinsser, John  
Publishers Weekly, v241, n18, p57(99)

May 2, 1994

DOCUMENT TYPE: Cover Story ISSN: 0000-0019 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 96286 LINE COUNT: 08138

... A.'s troubles so resemble God's plagues on Egypt that witty variations on "Hey, **ready** for the locusts?'' were common even long before the January 17 earthquake. The trouble is...kidnapped there, but robbed banks here. Remember: we're schlock, they're psychobabble. When you **read** that the poor are Fiscally Challenged, that deaf people are People With Perfect Vision or...for Children, Dallas; Carol Erdahi, Red Balloon Bookshop, St. Paul, Minn.

Twenty Minutes of Great **Read** -Alouds (3:45-4:30). Speakers: Bill Martin Jr., Henry Holt Books for Young **Readers**; Walter Mayes, Bantam Doubleday Dell; Colleen Salley, Univ. of New Orleans.

1-5 p.m...Palmet; Love & Kisses and a Halo of Truffles by James Beard; and South Beach by Bill Wisser. Giveaways: **reading** copies, recipe postcards. Key staff in attendance: (executive) Richard Seaver, Jeannette Seaver; (publicity) Allison Davis...company: Acrobat, Action Pac, AFI, Ascona, Blue Arrow, Cineview, CMC, Companion, DGA, deFalco, EC Productions, Entertainment Media Group, Ermor, **Feedback** Theatrebooks, Gotham House, Grey Heron, Hannah House, Hollywood Reporter, LA 411, Lion's Den, Lone...Dwellers Guide to the Mysteries of Space, edited by Colin A. Ronan.

**Books for Young Readers** : The Maestro Plays by Bill Martin Jr. and Vladmir Radunsky; Denise Fleming's Painting with Paper.

From MIS Press and...is a computer management system for booksellers that includes custom profile and sales tracking module, **Book Club**, ordering, invoicing, **bar code scanning** and on-line credit card authorization.

Key staff in attendance: (executive) Richard Sloan, Gall Harriman...

...Ten Peaks of Seven Continents); John Long (Tales From the Steep).

Giveaways: candy and luggage **tags**. Key staff in attendance: (executive) Tom Todd; (other) Scan Doolin. Booth #1973 with PMA.

**IDEA BOOKS**

Among the displayed titles from this international distributor: bilingual architecture magazine El Croquis and catalogues...

**9/3,K/22 (Item 7 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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06800291 SUPPLIER NUMBER: 14981661 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Winning in the 21st century: speeding inventory flow. (supply chain management in the retail industry in the 21st century) (includes related articles)**

Chain Store Age Executive with Shopping Center Age, v69, nSPEISS, p68(4)  
Dec 15, 1993

ISSN: 0193-1199 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 3127 LINE COUNT: 00265

... distribution centers will utilize the most advanced technologies and will be extremely efficient in the **receipt** and dispersion of products .

The use of **scanners** and **bar codes** are creating a paperless environment. Robotics will help to create further automation. Even the shape...pointed out.

The reason is tougher competition, including the increasing presence of Japanese and US **enterprises** , often in the **form** of European subsidiaries. Retailers and manufacturers are also having to fight harder to gain market...

**9/3,K/23 (Item 8 from file: 148)**

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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05931504 SUPPLIER NUMBER: 12453667 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Vendor developments and end-user applications. (computer vendors)**  
**(Directory)**

Document Image Automation, v12, n1, p24(24)  
Spring, 1992

DOCUMENT TYPE: Directory ISSN: 1054-9692 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 15255 LINE COUNT: 01282

... to 90 percent of handprinted numbers for data entry. It can be used for such **items** as handprinted numbers on tax returns, **receipts** and remittances. QuickStrokes is taught to **read** handwriting using neural networks.

---

Image Memory Systems, Inc. (6000 Webster Street, Dayton, OH 45414;  
[513...]Medical Center through document image capabilities.

Kenwood USA has developed a five-year plan for **enterprise** -wide implementation of **document** imaging. It has selected a LAN-based software platform from Optika Imaging Systems, Inc. (980...).

9/3,K/24 (Item 9 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
(c)2004 The Gale Group. All rts. reserv.

05511405 SUPPLIER NUMBER: 11570021 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Scanning said to help boost service, cut human error. (Productivity Conference)

Riddle, Judith S.  
Supermarket News, v41, n48, p41(1)  
Nov 25, 1991

ISSN: 0039-5803 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT  
WORD COUNT: 360 LINE COUNT: 00031

... incorrectly, average about 7,700 cases per year. We believe we can substantially reduce this **number** by using **bar code scanners** to assist in the verification of orders," Oakes said.

Customer **service** is also given a boost when using bar coding and scanning technology, because it reduces the time needed to produce an **invoice** when catch weight product is involved, Oakes said.

Moreover, Oakes said bar coding and scanning...

...is received at the warehouse, bar coding and scanning reduces the time required to manually **enter** receiving **documents**, improves input accuracy and ensures the product billed for is received at its precise weight...  
...to ensure proper product rotation and improve quality control, Oakes said.

\* Financial. Bar coding and **scanning** cuts down on lag time between sending **invoices** and receiving payments and reduces quality adjustment expenses.

9/3,K/25 (Item 10 from file: 148)  
DIALOG(R)File 148:Gale Group Trade & Industry DB  
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04806073 SUPPLIER NUMBER: 09317643 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
From butter and eggs, a powerhouse grew: in 1922, 20-year-old Philip Ritter and a partner started in business; the rest, as they say, is history.

(Ritter Food Corp.) (Great Distributor Organization 1990) (company profile)

Civin, Robert; Tanyeri, Dana; Harrison, Dan; Casper, Carole  
Institutional Distribution, v26, n9, p79(4)  
August, 1990

DOCUMENT TYPE: company profile ISSN: 0020-3572 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 2137 LINE COUNT: 00161

... Ritter had to have someone vouch for him to open a checking account.

The new **enterprise**'s initial investment was for delivery capability in the **form** of a brown and white horse with wagon. Ritter did the advance selling, and Sussman...They received one day's training.

With the new system, orders were read by optical **scanners**. But until then, the reps had not used **item numbers**.

Frequently, they would just write "a case of peas" and the picker in

the warehouse...

...running smoothly, computerization provided Ritter Food Corporation with a major selling tool. Customers could easily read the distributor's invoices . Perhaps even more important, they could see the company was visionary and in the forefront...

9/3,K/26 (Item 11 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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04577571 SUPPLIER NUMBER: 08157010 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Take a card...any card please! (direct marketing through the integration of courtesy cards and front-end scanners) (includes a related article on scanner vendors) (Retail)

Raphael, Murray

Direct Marketing, v52, n10, p63(6)

Feb, 1990

ISSN: 0012-3188 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 5552 LINE COUNT: 00439

... customer with a good credit history at the point of sale.

Supermarkets gave customers a questionnaire to fill out , checked their customer's credit and mailed the customer a plastic numbered card to use...of marketing, "is the enrollment keeps on growing even when we don't advertise."

Customers fill out a form that includes 17 questions about family shopping patterns. They receive their personal Club Orange membership...

...that day only and only for Selma customers. In addition, when your Selma card is scanned at the checkout counter, your sales slip has a lot of additional information including a small advertisement at the top, a list

...

...with us has got to save \$500 to \$600 a year. And maybe more!"

Customers fill out a form with their name, age and optional demographic information. Everything is entered into a computer database. The customer receives a scannable card and an identification number .

Every time the customer purchases a "Valued Customer" item and presents their card at checkout, the coupon amount is automatically deducted from the purchase...

9/3,K/27 (Item 12 from file: 148)

DIALOG(R)File 148:Gale Group Trade & Industry DB  
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04512511 SUPPLIER NUMBER: 08308225 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Guide to buying office products. (Inc. 1990 Directory of Office Products)  
(buyers guide)

Inc., v12, n2, p5S(66)

Feb, 1990

DOCUMENT TYPE: buyers guide ISSN: 0162-8968 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT  
WORD COUNT: 99961 LINE COUNT: 08642

---

Forms Data Management Inc. Dome Publishing Co. Inc. Esselte  
Pendaflex Corp. Keith Clark SK Forms Co. Wilmer Service Line Wilson Jones  
Co.

Books, Personal Account  
Boorum & Pease Div. of Esselte Dome...

...E-Z Ind. Houghton Mifflin Co. Reference Div. Merriam-Webster Inc. Rand McNally & Co. Ready **Reference** Publishers Simon & Schuster /Prentice Hall Books, Rent Receipt  
**Ampad** Corp. Blueline Inc. Cook Receipt Book Mfg. Inc. DataCom Inc. Ennis Business Forms Inc. Gussco...Inc. Copylite Products Corp. Evans Specialty Co. Inc. Kole Industries Lee Prodcuts Co. PerfectData READ/ **RIGHT** Products Div . The Texwipe Co. Repeat-O-Type Mfg. Corp. Sel-Drum Corp. USA Inc. Sigmatronics Inc...

...CRS Inc. Chemtronics Inc. Copylite Products Corp. Fax Care Co. Inc. INX Corp. Lee Products Co . Mayline/Hamilton Metropolitan Vacuum Cleaner PPD Paymaster Corporation, The PerfectData READ/ **RIGHT** Products Div . The Texwipe Co. Sel-Drum Corp. USA Inc. Sigmatronics Inc. Syntrex Inc. PC & Supply Center

Cleaners, Other

Bennington Hart Inc. Data Spec/Alliance Research General Pencil Co. Qume Corp. READ/ **RIGHT** Products Div . The Texwipe Co. Syntrex Inc. PC & Supply Center Tatung Co. of America Inc.

Cleaners, Type...Products Co. Midwest Platen Co. PPD Paymaster Corporation, The PerfectData Phillips Process Co., Inc. READ/ **RIGHT** Products Div . The Texwipe Co. Sigmatronics Inc. Syntrex Inc. PC & Supply Center Tech Spray

Cleaners, Ultrasonic

Alvin...

...Corp. Paper Manufacturers Co. Pelikan Inc. Toner/Developer Div. PerfectData Q.V.S., Inc. READ/ **RIGHT** Products Div . The Texwipe Co. Scotty Pen Co. Inc. Sigmatronics Inc. Syntrex Inc. PC & Supply Center Xidex

...Industries Memorex Computer Supplies Metropolitan Vacuum Cleaner Mini Vac Inc. PerfectData Precision Roller Inc. READ/ **RIGHT** Products Div . The Texwipe Co. Screen Data Corp. Sel-Drum Corp. USA Inc. Sigmatronics Inc. Sprayway Inc...

...I D L Corp. Magna Plan Corp. Master Woodcraft Inc. Merit Industries Inc. Metal Products **Engineering** Reader **Enterprises** , Inc. Rogers Co., W.T. Saunders Mfg. Co. Inc. Service **Products** Inc . Stempel Manufacturing Co. Value Office Products Inc . Wilson Jones Co.

Clips, Ballbearing

Abel Products I D L Corp.

Clips, Binder

ACCO International...Steelcase Inc. Stylex Inc. Syntrex Inc. PC & Supply Center 3-T Company Tal-Lite Enterprises Inc . Taylor-Merchant Corp., The Techniques in Wood Tenex Data Corp. Texwood Furniture Corp. Tiffany Stand...Inc. SRW Computer Components Shade Computer Forms Co. Smith Brothers Inc. Staedtler Inc. Star Forms Inc . Startech Computer Accessories Steele Enterprises Inc . Syntrex Inc. PC & Supply Center 3M Co. Commercial Office Supply Tamerica Products Inc. (Tahsin Group... Business Forms Vanier Graphics Corp. Watts Business Forms Wilson Jones Co.

Forms, Income Tax

OCR **Data** Systems Inc. SK Forms Co.

Forms, Invoice

**Adams** Business Forms Inc. Blueline Inc. Carlson Craft DFS Business Forms DRG Stationery Co.--Delforms--Deluxe...

9/3,K/28 (Item 1 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01925996 SUPPLIER NUMBER: 18199993 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Highlight color in production printing. (highlight color printers)**  
(Technology Information)  
Sweeney, Shelley  
Enterprise Systems Journal, v11, n4, p44(5)  
April, 1996  
ISSN: 1053-6566 LANGUAGE: English RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 2598 LINE COUNT: 00219

... highlight color is used most effectively for its communications value, not its decorative value.

Many enterprises do engage graphic consultants when redesigning important documents that are delivered to customers, such as statements. To help these enterprises, some printing vendors...

...the labor-intensive processes of bursting and decollating fanfold paper and the expense of preprinting forms on offset equipment. Even on cut-sheet printers, however, many enterprises still order offset preprints as a way to incorporate color into their monochrome output on... printed on the back of letters returned as undeliverable. Other companies provide "lock-box" payment services, where bar codes printed on invoices can be scanned at the customer's bank to automatically transfer payment to the payee's account.

The...

...for more critical external audiences.

Today, these printing centers are often responsible for producing the enterprise's most mission-critical documents, such as invoices that invite payments and statements that, for some institutions, represent the enterprise's main face to the customer. These documents need to be well-organized and appealing to the eye. For these applications, highlight color...

9/3,K/29 (Item 2 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01804823 SUPPLIER NUMBER: 17155732 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
**Microcomputer DBMSs and application development systems. (1995 Database Buyer's Guide and client/server sourcebook) (Buyers Guide)**  
DBMS, v8, n6, p52(5)  
May 15, 1995  
DOCUMENT TYPE: Buyers Guide ISSN: 1041-5173 LANGUAGE: English  
RECORD TYPE: Fulltext; Abstract  
WORD COUNT: 6434 LINE COUNT: 00552

... 408-252-4444; 800-384-0010

An entry-level relational database that provides 10 premade, ready-to-use databases that let users create invoices, track contacts, and so on. An intuitive application builder with a graphical interface and object ...

...information. Turns data from the information highway into personal databases using CompuServe and Lexis-Nexis import filters. Users can add fields to free-form text and expand field contents. An add-on OCR module

scans documents directly into askSam databases. Manages structured information, sorts fields, imports a variety of formats, includes predefined templates, and has a built-in report writer. Images, sounds, video, and graphics can be included...by-example and SQL report writer; two concurrency control protocol options (multiuser version); and example code. Single-user version: \$695; multiuser version: \$1450. Reader service #424.

OpenInsight 2.5

Revelation Technologies Inc., Stamford, CT

203-973-1000; 800-262-4747...locking, append-only locking. Network support includes NetWare, 3Com, LANtastic, and Invisible Network. Full source-code version for single-user, multiuser, and Windows applications. \$299. Reader service #440.

Topaz for Pascal 5.0

Software Science Inc., San Francisco, CA

415-479-7286...

...and append-only locking. Network support includes NetWare, 3Com, LANtastic, and Invisible Network. Full source-code version for single-user, multiuser, and Windows applications. \$199. Reader service #441.

WindowBase 2.0

Software Products International Inc., San Diego, CA

619-450-1526; 800-937-4774

A Windows database and...

9/3,K/30 (Item 3 from file: 275)

DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

01804820 SUPPLIER NUMBER: 17155726 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Business applications.(1995 Database Buyer's Guide and Client/Server

Sourcebook) (Buyers Guide)

DBMS, v8, n6, p6(8)

May 15, 1995

DOCUMENT TYPE: Buyers Guide ISSN: 1041-5173 LANGUAGE: English

RECORD TYPE: Fulltext; Abstract

WORD COUNT: 12368 LINE COUNT: 01120

... any NetBIOS-compatible network. Single-user: \$595 per module; multiuser: \$795 per module; program source code for multiuser environments: \$400 per module. Reader service #100.

AccountMate Professional

SourceMate Information Systems Inc., Mill Valley, CA

415-381-1011; 800-877...

...than 1000 reports, and customizable program source code. Single-user: \$395; unlimited multiuser: \$695; source code : \$200 per module. Reader service #101.

Accounts Payable

SQL Financials International Inc., Atlanta, GA

404-390-3900

Controls vendor information...

...to a file than can be exported to third-party systems for wire transfers. Reporting templates help manage payable activities. Imports and validates files from external systems without programming. Also exports files to non-SQL Financials...

...user-defined filtering tool, tag accounts for later action by others in the workgroup, and **enter** miscellaneous cash not associated with any receivables. Provides reporting **templates** for receivable transactions, collection management, payments applications, custom aging, and so on. Tracks all contacts...five-module pack ranges from \$1295 for single-user to \$3895 for multiuser with source **code**. **Reader service** #108.

Add+On Advantage/V 5.2

Add+On Software Inc., Eden Prairie, MN

612...system for problem resolution, SMS integration, and help-desk, asset, inventory, purchasing, and stock capabilities. **Reader service** #790.

Enterprise Series 5.1

Data **Code** Inc., Orlando, FL

407-351-3441; 800-762-1480

An information-management system designed for...

...invoices or register, and accounts receivable aging. Customization and special application design available. Includes source **code**. \$395. **Reader service** #131.

FactsLine for Windows

Ibex Technologies Inc., Placerville, CA

916-621-4342; 800-289-9998...

...Lotus Notes to allow easy creation and retrieval of Notes documents by fax; and Interactive **Forms**, which lets users request information by filling in a **form** with hand print and fill - in bubble information and faxing it into FactsLine systems, which interprets the data and faxes the...Express. Program customization and special application database designs are available. \$695 per module, including source **code**; quantity discounts available. **Reader service** #133.

FourGen Visual Enterprise Accounting 4.1

FourGen Software Inc., Seattle, WA

206-522-0055...

...Provides budgeting capabilities that let customers use a spreadsheet to prepare budgets and forecasts, then **import** the data directly into the ledger. User-defined **templates** enable creation of all off-setting transactions for intercompany accounting. Multicurrency capabilities let customers define...including program, printed 100-page manual, and 400-page manual on disk: \$20; complete source- **code** version with no royalty license: \$795. **Reader service** #149.

Object-Fax 3.0

Traffic Software Inc., Boca Raton, FL

407-995-5282

A...Supports Informix, Ingres, Oracle, Rdb, and Sybase. \$5000-\$80,000 per module, depending on the **number** of users. **Reader service** #169.

Renaissance CS Financials 3.0

Ross Systems Inc., Redwood City, CA

415-593-2500...receiving of purchase orders; automatic or manual purchase order numbering; edit purchase orders during stock **receipt**; display inventory/purchase order status; and more. **Reader service** #175.

Sales Analysis 5

Datamar Systems, San Diego, CA

619-452-0044

Used with...extensive online features, MDI windows, toolbars, drill downs, extended searching criteria, ability to use previously **entered** information as a **template** for **entering** new information, report filters, and more...~~Graphing is supported on many inquiries. Detail and summary...~~

...orders, and invoices. Purchasing allows entry and printing of requisitions and purchase orders. Inventory maintains **items** by warehouse

with optional lot/serial number tracking. Reader service #188.  
SQL\*TIME  
Design Data Systems Corp., Largo, FL  
813-539-1077; 800-655-6598...

...sheet printing and project-time data entry. Includes Visual Basic for Windows 2.5 source code . \$2995. Reader service #193.  
Traverse Accounting Business Software for Windows  
Open Systems Inc., Eden Prairie, MN  
612-829...

9/3,K/31 (Item 4 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

01627966 SUPPLIER NUMBER: 14751253 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Imaging: save the green. (working with images in electronic form on networks) (Special Report: Imaging: Save the Green)  
Carroll, Dan; Hurwicz, Mike  
LAN Magazine, v8, n13, p132(6)  
Dec, 1993  
ISSN: 0898-0012 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 3160 LINE COUNT: 00256

... and more reliable than the previous one, in which the customer service representative had to fill out a request form and send it to the distribution department. Distribution department staff then retrieved the requested application...

...oriented market consists of customers who want to maximize the number of transactions, such as scanning and indexing a receipt or invoice , performed in a given period of time. Such customers may need a system to handle...interoperable standard. "Not all TIFF readers can read all TIFF files," warns Ed Feldman, senior product manger, of ALacrity Systems. "It depends how the reader is implemented. Some are very narrow [in terms of the number of implementations of TIFF they can read ]; others are very broad." TIFF also allows custom tags , which can only be read by the vendor's own TIFF reader, Feldman notes.

\* Group 3 and Group 4 compression...

9/3,K/32 (Item 5 from file: 275)  
DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

01620279 SUPPLIER NUMBER: 14414758 (USE FORMAT 7 OR 9 FOR FULL TEXT)  
Fun with MFC: 33 tips to help you get the most out of C++ class libraries for Windows. (Microsoft Foundation Classes, Microsoft Windows graphical user interface) (Tutorial)  
DiLascia, Paul  
Microsoft Systems Journal, v8, n11, p17(16)  
Nov, 1993  
DOCUMENT TYPE: Tutorial ISSN: 0889-9932 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 9403 LINE COUNT: 00707

TEXT:

...in-law may soon take over your job, leaving you with nothing to do but read the latest biography of Bill Gates.

... clever ways of doing it.

\* Reading is FUNDamental. My pick of the best MFC bedtime **reading material**.

\* Debugging Tips.

\*Miscellaneous Goodies.

The tip **numbers** have no particular significance. And my tips are merely suggestions, not rigid rules. Feel free...you make your application behave the way you want. An application framework is like a **form** with a bunch of blanks that you must **fill in** to create your app. The virtual functions are the blanks. For example, the DeleteContents function...

**9/3,K/33 (Item 6 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)  
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01386297 SUPPLIER NUMBER: 09669311 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Our Readers' Choice Awards. (Lotus Magazine)**

Lotus, v6, n12, p40(5)

Dec, 1990

ISSN: 8756-7334 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 2936 LINE COUNT: 00235

... packages that have enhanced your productivity to a significant degree, regardless of price or version **number**.

To find out, we asked 3,000 LOTUS **readers** to rate the software **products** they use, applying only one question to each: "On a scale of one to five...

...and most important, save money.

Reducing or containing costs seems much more important to LOTUS **readers** in small businesses than to those in larger companies. Bill Scribner, an executive with a small oil company in Cheyenne, Wyo., likes WordPerfect because it...of accounts and more complete reporting options. Quicken's basic input screen, which takes the **form** of a blank check that users **fill out** electronically, is a "stroke of genius," Dugan says. "People who want to use it aren..."

**9/3,K/34 (Item 7 from file: 275)**

DIALOG(R)File 275:Gale Group Computer DB(TM)  
(c) 2004 The Gale Group. All rts. reserv.

01352519 SUPPLIER NUMBER: 08182804 (USE FORMAT 7 OR 9 FOR FULL TEXT)

**Database directory 1990. (buyers guide)**

Data Based Advisor, v8, n1, pS18(77)

Jan, 1990

DOCUMENT TYPE: buyers guide ISSN: 0740-5200 LANGUAGE: ENGLISH  
RECORD TYPE: FULLTEXT; ABSTRACT  
WORD COUNT: 46989 LINE COUNT: 04063

... perhaps mailing labels. But what if you want to print an invoice on a special **form**? Or what if your mailing labels require some calculations?

Enter third-party report writers. The features ...27] BarCoder, [25] BarMaker II, [25] BARS+, [19] BASIC Tools, [15] BATS, [27] BCR-1000 **Bar Code Reader**, [25] Best Book Of: dBASE IV, The, [21] Best Book Of: OS/2 Databas Manager, The, [21] BETS, [19] BidPerfect, [27] Billing Systems, [27] Blockout....Sales, [27] Towne Micro Consultants Mortgage Servicing Manager, [27] TPS Electronics Bar code/Magnetic stripe **readers**, [25] Traffic Consultants, Inc. Freight Bill Manager, [27] Travel Industry

Systems Travel Management Systems, [27] Trinity Computer Services, Inc.  
Wisdom: Knowledge...

9/3,K/35 (Item 8 from file: 275)

DIALOG(R) File 275:Gale Group Computer DB(TM)  
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01321029 SUPPLIER NUMBER: 08550029 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Data Based Advisor COMDEX sneak preview. (COMDEX '89; includes related  
article on Microrim Inc.'s next-generation database management system)

Data Based Advisor, v7, n11, p71(33)

Nov, 1989

ISSN: 0740-5200 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT

WORD COUNT: 24226 LINE COUNT: 02038

... each inventory item; and a multiple store allocation matrix,  
CounterPoint interfaces with cash drawer, barcode reader , and receipt  
printer.

Price for single user is \$995; multiuser is \$1195. For more  
information, contact CounterPoint...Accounts Payable. A modified version of  
Purchase Orders is also available. The system supports barcode readers ,  
electronic cash drawers, magnetic-stripe readers and receipt -type  
ticket printers. It can print full or half-page invoices on pre-printed  
forms...Quick Editor

SemWare is shipping QEdit version 2.08. This text editor is designed  
for entering program code and simple documents . QEdit version 2.08 has  
the ability to sort lines of text by using a...formats to produce invoices  
and statements using plain paper or pre-printed forms. It supports barcode

readers , electronic cash drawers, and most LANS. Merchandise Sales,  
Service Billing Customer Orders, ROAs, and Estimates are done from the  
transaction screen. Function-key commands...  
?

? show files;ds  
File 350:Derwent WPIX 1963-2004/UD,UM &UP=200475  
(c) 2004 Thomson Derwent  
File 344:Chinese Patents Abs Aug 1985-2004/May  
(c) 2004 European Patent Office  
File 347:JAPIO Nov 1976-2004/Jul(Updated 041102)  
(c) 2004 JPO & JAPIO  
File 371:French Patents 1961-2002/BOPI 200209  
(c) 2002 INPI. All rts. reserv.

Set Items Description  
S1 1176872 SCAN? OR READ? OR OCR?  
S2 1903399 BAR()CODE? OR BARCODE? OR UPN OR UPC OR CODE? ? OR NUMBER?  
? OR RFID OR IDENTIFIER? OR TOKEN? OR TAG? ? OR LABEL? ? OR W-  
EARABLE? OR EMBLEM?  
S3 6350905 PRODUCT? ? OR GOODS OR SERVICE? ? OR ITEM? ? OR MATERIAL? ?  
OR MERCHANDISE OR EQUIPMENT? ? OR COMMODIT? OR WARES OR BOOK?  
?  
S4 3041916 FORM? ? OR QUESTIONNAIRE? ? OR SURVEY OR FEEDBACK OR TEMPL-  
ATE? ? OR CUSTOMER()RESPONSE OR DOCUMENT? ? OR REGISTRATION OR  
REGISTRY  
S5 145997 RECEIPT? OR SLIP? ? OR INVOICE? ? OR PROOF(1W) (PURCHASE OR  
PAYMENT) OR VOUCHER? ? OR ACKNOWLEDGEMENT OR AIRBILL OR BILL -  
OR CHIT OR CHITS OR WAYBILL OR WAY()BILL OR SHIPPING()NOTE  
S6 419259 AUTOFILL? OR AUTO?(N)FILL? OR POPULATE? OR FILL?()IN OR EN-  
TER? OR FILL?()OUT OR FILLOUT OR IMPORT? ? OR IMPORTING  
S7 69 S1 AND S2 AND S3 AND S4 AND S5 AND S6  
S8 69 IDPAT (sorted in duplicate/non-duplicate order)  
S9 68 IDPAT (primary/non-duplicate records only)  
? t9/3, k/all

9/3,K/1 (Item 1 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

016554657 \*\*Image available\*\*  
WPI Acc No: 2004-713397/200470  
XRPX Acc No: N04-565786  
Payment processing terminal installed in bank, produces and stores  
attribute information for each payment slip, upon setting flag for each  
correction process of account number and payment amount read from  
payment slip  
Patent Assignee: TOKYO ELECTRIC CO LTD (TODK )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applcat No Kind Date Week  
JP 2004280253 A 20041007 JP 200368135 A 20030313 200470 B

Priority Applications (No Type Date): JP 200368135 A 20030313  
Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2004280253 A 9 G06K-009/03

Payment processing terminal installed in bank, produces and stores  
attribute information for each payment slip, upon setting flag for each  
correction process of account number and payment amount read from  
payment slip

Abstract (Basic):

... An optical character recognition ( OCR ) unit (12) recognizes

the items such as account number and payment amount entered in a payment slip, from the image data of slip. A generation unit sets an attribute information flag for each correction process of recognized items, and produces attribute information. A storage unit (13b) stores the attribute information for each document in order of significance.

... The error produced while recognizing the items in payment slip is recorded reliably...

... scanner (11...

... OCR unit (12

... Title Terms: SLIP ;

9/3,K/2 (Item 2 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

016522656

WPI Acc No: 2004-681042/200467

XRAM Acc No: C04-242729

Cross-linked polyethylene type resin foam is formed by polymerizing blend of two or more linear low-density polyethylene's having different average molecular weight using metallocene catalyst

Patent Assignee: SANWA KAKO KK (SANS )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2004262983	A	20040924	JP 200352367	A	20030228	200467 B

Priority Applications (No Type Date): JP 200352367 A 20030228

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 2004262983	A	7	C08J-009/06	

Abstract (Basic):

... linear polyethylene type resin using metallocene catalyst, mixing foaming agent and cross-linking agent to form foamed resin composition, filling resin composition in closed mold and heating under pressure, decomposing foaming...

...For heat insulating material, shock absorbing material, joint filler and stationery...

...The cross-linked polyethylene type resin foam has excellent softness and non-slip property...

Technology Focus:

... The mix ratio of 2 types of linear low-density polyethylene's having difference in number average molecular weight of 3000-40000, is 10:90-90:10. Preferred Property: The linear...

...s) has melting peak of 30-90degreesC, preferably 120degreesC or more when measured by differential scanning calorimeter.

Extension Abstract:

... peroxide (0.9) were added and kneaded to obtain foaming resin composition. The composition was filled in sealing type metallic mold to obtain middle foam having apparent density of 30 kg/m<sup>3</sup>...

9/3,K/3 (Item 3 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

016344371 \*\*Image available\*\*  
WPI Acc No: 2004-502374/200448  
XRPX Acc No: N04-396753

Printed matter such as identification circuit card, gift certificate, stock certificate has authenticity determination information in steganography form printed using color ink  
Patent Assignee: TOPPAN FORMS CO LTD (TOPP )  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applicat No Kind Date Week  
JP 2004174903 A 20040624 JP 2002343688 A 20021127 200448 B

Priority Applications (No Type Date): JP 2002343688 A 20021127

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2004174903 A 5 B42D-015/10

... such as identification circuit card, gift certificate, stock certificate has authenticity determination information in steganography form printed using color ink

Abstract (Basic):

... The printed matter such as premises **entering** license (1), has authenticity determination information such as issue **number** (4) in steganography **form**, printed using color ink.

... E.g. securities such as identification (ID) card, premises **entering** license, passing license, gift certificate, stock certificate, insurance certificate, **receipt** for forgery prevention using steganography...

...discriminated to the a genuine printed matter only if the printed matter can not be **read** by the usual **scanner** .

...

...The figure shows the top view of the premises **entering** license.  
(Drawing includes non-English language text...)

...premises **entering** license (1...

...card base **material** (2...

...issue **number** (4

...Title Terms: **FORM** ;

9/3,K/4 (Item 4 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

016111459 \*\*Image available\*\*  
WPI Acc No: 2004-269335/200425  
Related WPI Acc No: 2004-269334  
XRPX Acc No: N04-213014

Electronic bill processing method involves converting bill generated using bill information provided by biller, to format specified customer data base and transferring it to customer  
Patent Assignee: SAP AG (SAPS-N)

Inventor: GOEDTLER P; MEIER B  
Number of Countries: 105 Number of Patents: 003  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200421231	A2	20040311	WO 2003EP8849	A	20030808	200425 B
EP 1435059	A1	20040707	EP 2003790890	A	20030808	200444
			WO 2003EP8849	A	20030808	
AU 2003255404	A1	20040319	AU 2003255404	A	20030808	200462

Priority Applications (No Type Date): EP 200227090 A 20021203; US 2002406986 P 20020830; DE 10256152 A 20021129; EP 200227089 A 20021203

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200421231	A2	E	55 G06F-017/60	

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NI NO NZ OM PG PH PL PT RO RU SC SD SE SG SK SL SY TJ TM TN TR TT TZ UA UG UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

EP 1435059 A1 E G06F-017/60 Based on patent WO 200421231

Designated States (Regional): AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IT LI LT LU LV MC MK NL PT RO SE SI SK TR

AU 2003255404 A1 G06F-017/60 Based on patent WO 200421231

**Electronic bill processing method involves converting bill generated using bill information provided by biller, to format specified customer data base and transferring it to customer**

Abstract (Basic):

... A **bill** is generator by a biller **service provider** (BSP) module (110), using billing information and master data acquired **form** a biller (111) and a biller data base (108). The BSP module requester customer data...

...a consolidates module (106) which accesses master data base of customer, converts the of generated **bill** to a format specified by master data of customer and transfer it to the consolidates...

... 1) computer system for processing electronic **bill** ;  
(...)

...2) electronic **bill** processing program...

...3) computer **readable** recorded medium storing electronic **bill** processing program and...

...4) computer data signal covering **code** for processing electronic **bill**

...

...For processing electronic bills used in e-commerce applications such as banking, and in **enterprise** resource (ERP) environmental...

...The figure shows the block diagram of the electronic **bill** processing computer system

....Title\_Terms: BILL;

9/3,K/5 (Item 5 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

015717185 \*\*Image available\*\*

WPI Acc No: 2003-779385/200373

Related WPI Acc No: 2003-788364

XRAM Acc No: C03-214680

XRPX Acc No: N03-624544

**Integrated sample-testing meter for blood glucose testing, comprises test strip cartridge containing test strips having sample-receiving area, sensor for analyzing fluid sample on test strip, and test strip dispensing system**

Patent Assignee: INVERNESS MEDICAL LTD (INVE-N)

Inventor: DISTON A S; DROUGHT N A; GRIFFITH A W; MAY K; WILSON D J

Number of Countries: 101 Number of Patents: 003

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200382091	A2	20031009	WO 2003IB1844	A	20030402	200373 B
GB 2388898	A	20031126	GB 20027610	A	20020402	200378
AU 2003223055	A1	20031013	AU 2003223055	A	20030402	200435

Priority Applications (No Type Date): GB 20027610 A 20020402

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 200382091 A2 E 35 A61B-005/00

Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MN MW MX MZ NO NZ OM PH PL PT RO RU SC SD SE SG SK SL TJ TM TN TR TT TZ UA UG US UZ VC VN YU ZA ZM ZW

Designated States (Regional): AT BE BG CH CY CZ DE DK EA EE ES FI FR GB GH GM GR HU IE IT KE LS LU MC MW MZ NL OA PT RO SD SE SI SK SL SZ TR TZ UG ZM ZW

GB 2388898 A A61B-005/00

AU 2003223055 A1 A61B-005/00 Based on patent WO 200382091

Abstract (Basic):

... user and is activated, the lancet is moved to its extended position and retracted to form a puncture in the user's skin and a test strip is moved from the...

...integrated testing meter on the skin of a user to activate the lancet and to form a drop of blood or other fluid on the skin surface; moving the meter such...

Technology Focus:

... its operation. The circuitry includes a visual display unit (34) from which the user can read out the result of any particular test. It includes a mechanism for entering data into the meter. The meter includes a pressure device to facilitate the formation of...

...the user. The aperture through which the puncture means extends is made of a non-slip material. The pressure device comprises a ring, shaped to conform to the area of skin it...

...strips towards the cartridge cap. The cartridge has on its data relating to the calibration code for the strips in the cartridge. The data on the cartridge are present in machine-readable format. The drive train includes a screw which allows the user to extend the puncture...

9/3,K/6 (Item 6 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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015713393

WPI Acc No: 2003-775593/200373

XRAM Acc No: C03-213257

Obtaining semi-finished food dish involves hermetically sealing each product and composing sets of product modules in accordance with culinary receipts , packing in individual packages and cooling to specified temperature

Patent Assignee: DZALAEV M K (DZAL-I); GOFMAN G G (GOFM-I); LIBIN I YA (LIBI-I); TIMAKS STOCK CO (TIMA-R); VALEEV G G (VALE-I)

Inventor: DZALAEV M K; GOFMAN G G; LIBIN I YA; VALEEV G G

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RU 2210284	C2	20030820	RU 2001102571	A	20010130	200373 B

Priority Applications (No Type Date): RU 2001102571 A 20010130

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
RU 2210284	C2		A23L-003/00	

Obtaining semi-finished food dish involves hermetically sealing each product and composing sets of product modules in accordance with culinary receipts , packing in individual packages and cooling to specified temperature

Abstract (Basic):

... Method involves preliminarily preparing and cutting **product** components in accordance with culinary **receipts** of several food dishes of single name, having similar basic animal and/or plant components and requiring similar cutting process, weighing and packing **product** components to obtain **product** modules.

... Each of **product** modules is made in the **form** of package of **product** component containing component in an amount required for preparing even **number** of fractional packages of **ready** dish. Method further involves hermetically sealing each **product** module and composing sets of **product** modules in accordance with culinary **receipts** ; packing each semi-finished food dish in individual package, cooling to temperature within the range...

...within the temperature range or for realization. Components are weighed in accordance with weight of **product** module preliminarily set for each component. **Number** of **product** modules in semi-finished food dish package corresponds to multiplicity coefficient set for each **product** component of corresponding food dish and rounded-off to whole **number** .

...

...Method may be used in public catering and trading **enterprises** and the food-processing industry...

...similar for all dishes, each of the components being preliminarily weighed and packed in the **form** of universal **product** modules.

Simplified manufacture process, reduced labor intensity and convenient use

...Title Terms: **PRODUCT** ;

9/3,K/7 (Item 7 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015640357 \*\*Image available\*\*

WPI Acc No: 2003-702540/200367

XRPX Acc No: N03-561242

Returned magazine data entry method for bookstores, involves storing bookstore details read from carton box, in integrated circuit card, along with total number of returned books contained in carton box

Patent Assignee: SANKI KOGYO KK (SAOF ); TOHAN KK (TOHA-N)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 2003212318	A	20030730	JP 200215672	A	20020124	200367 B

Priority Applications (No Type Date): JP 200215672 A 20020124

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 2003212318 A 7 B65G-001/137

Returned magazine data entry method for bookstores, involves storing bookstore details read from carton box, in integrated circuit card, along with total number of returned books contained in carton box

Abstract (Basic):

... The bookstore details (12,13) are read from a slip (11) stuck on a carton box (10) containing magazines returned from the bookstore. The read information are stored in an integrated circuit (IC) card (15) corresponding to the box. The box is then unpacked to determine total number of returned magazines, and corresponding information is also recorded in the IC card for transmission...

... For entering data corresponding to returned goods such as publications, monthly and weekly magazines, comics, books , paperback and monographs...

...By storing the details in an IC card, total number of returned magazines can be easily grasped at the manual input field so that the

...  
...returned-magazine slip (11...

... registration unit (14...

... barcode reader (24

...Title Terms: ENTER ;

9/3,K/8 (Item 8 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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015177994 \*\*Image available\*\*

WPI Acc No: 2003-238524/200323

Related WPI Acc No: 2003-298881

XRPX Acc No: N03-190061

Document printing and validation method for voucher printer, involves dispensing document to recipient if validity criteria is met, and voiding document if validity criteria is not met

Patent Assignee: TRANSACT TECHNOLOGIES INC (TRAN-N)

Inventor: BROOKS D E; GOEBEL M B; SHULD MAN B C

Number of Countries: 101 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
US 20020181007	A1	20021205	US 2001872782	A	20010601	200323	B
			US 200117897	A	20011022		
WO 200299622	A1	20021212	WO 2002US17387	A	20020531	200323	
US 6650427	B2	20031118	US 2001872782	A	20010601	200376	
			US 200117897	A	20011022		
EP 1393159	A1	20040303	EP 2002739607	A	20020531	200417	
			WO 2002US17387	A	20020531		
AU 2002312248	A1	20021216	AU 2002312248	A	20020531	200452	
BR 200209760	A	20040727	BR 20029760	A	20020531	200452	
			WO 2002US17387	A	20020531		
JP 2004530577	W	20041007	WO 2002US17387	A	20020531	200466	
			JP 2003502671	A	20020531		

Priority Applications (No Type Date): US 200117897 A 20011022; US 2001872782 A 20010601

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 20020181007	A1	11	G06F-015/00	CIP of application US 2001872782
WO 200299622	A1	E	G06F-007/08	
Designated States (National): AE AG AL AM AT AU AZ BA BB BG BR BY BZ CA CH CN CO CR CU CZ DE DK DM DZ EC EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX MZ NO NZ OM PH PL PT RO RU SD SE SG SI SK SL TJ TM TN TR TT TZ UA UG US UZ VN YU ZA ZM ZW				
Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW MZ NL OA PT SD SE SL SZ TR TZ UG ZM ZW				
US 6650427	B2		G06F-015/00	CIP of application US 2001872782
EP 1393159	A1	E	G06F-007/08	Based on patent WO 200299622
Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI TR				
AU 2002312248	A1		G06F-007/08	Based on patent WO 200299622
BR 200209760	A		G06F-007/08	Based on patent WO 200299622
JP 2004530577	W	46	B41J-029/46	Based on patent WO 200299622

Document printing and validation method for voucher printer, involves dispensing document to recipient if validity criteria is met, and voiding document if validity criteria is not met

Abstract (Basic):

The bidirectional code of the printed document is read to test validity criteria. The document is dispensed to a recipient, if the validity criteria is met. The document is voided, if the validity criteria is not met. The voided document is dispensed to the recipient or held.

For ticket and voucher printers with document verification, dispensing and voiding features, used in game machine, vending machine, point-of-sale terminal, transportation and entertainment ticket machines, self-service wagering apparatus, lottery terminal, casinos, racetracks, subway system, etc...

...The figure shows the flowchart explaining document printing, validating and dispensing process...

Title Terms: DOCUMENT ;

9/3,K/9 (Item 9 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

014337993 \*\*Image available\*\*  
WPI Acc No: 2002-158696/200221  
XRPX Acc No: N02-120916

Receipt note management system displays video and data on same screen side by side  
Patent Assignee: AIM GIKEN KK (AIMG-N)  
Number of Countries: 001 Number of Patents: 001  
Patent Family:  
Patent No Kind Date Applcat No Kind Date Week  
JP 2001325638 A 20011122 JP 2000146266 A 20000518 200221 B

Priority Applications (No Type Date): JP 2000146266 A 20000518

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
JP 2001325638 A 7 G07D-007/12

Receipt note management system displays video and data on same screen side by side

Abstract (Basic):

... A data display unit calls registration data applicable to note number read by a magnetic ink character recognition (MICR) reader (4) from a host (3), and displays on terminal computer screen (5). Display information on the note ticket (P) is read with a scanner (6) and displayed on the screen by video display unit. A comparison unit displays video...  
... An INDEPENDENT CLAIM is also included for receipt note comparison machine...

...For management of note ticket published by an enterprise .

...

...Comparison operation of note ticket and registration data is rationalized and accurately performed. Worker's labor to compare is greatly reduced by displaying the video display of note bill face and display item of registration data side by side...

...The figure shows the conceptual diagram of receipt note management system. (Drawing includes non-English language text...)

...MICR reader (4...

... Scanner (6

Title Terms: RECEIPT ;

9/3,K/10 (Item 10 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

014300442  
WPI Acc No: 2002-121146/200216  
Related\_WPI\_Acc\_No:-2002-507654  
XRAM Acc No: C02-037001  
XRPX Acc No: N02-090838

System for unattended dispensing of medications includes a remote vending machine unit including data entry device, a centralized control facility and a database associated with the centralized control facility

Patent Assignee: LION N (LION-I)

Inventor: LION N

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 6330491	B1	20011211	US 99358063	A	19990721	200216 B

Priority Applications (No Type Date): US 99358063 A 19990721

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 6330491	B1	9	G06F-007/00	

Abstract (Basic):

... in it in accordance with an authorized prescription (Rx), including a data entry device for **entering** a patient identification key **code** (PtID...).

...ii) a centralized control facility to associate a PtID **code** with at least one authorized Rx request to supply a drug and to transmit an...

...The RVM unit is operative, in response to entry of the PtID **code**, to initiate a vending session by transmitting a signal representative of the PtID **code** to the centralized control facility. The RVM unit is further operative, in response to **receipt** of the enabling signal to dispense the prescribed medication...

...a) the centralized control facility to associate at least one PtID key **code**, each corresponding to a respective patient, with at least one authorized Rx request to supply...

...b) the database digitally fill a prescription and a corresponding unique transaction identification key **code** (RxID); and...

...c) several RVM units each remotely located from the remote controller. The data entry device **enters** the PtID **code** to initiate a drug dispensing session. Any of the several RVM units transmits a signal representative of the PtID **code** to the centralized control facility in response to actuation of a corresponding data entry device. An originating one of the several RVM units is further operative, in response to **receipt** of an enabling signal, to dispense the prescribed Rx drug; and...

...iii) providing a patient authorized to receive a prescribed medication with a unique **identifier** ;  
(...

...the receiving step for distribution to the patient, in response to entry of the unique **identifier** at a second location remotely disposed relative to the first location...

...mail order pharmacy may offer a level of convenient access to emergency medications and pharmaceuticals **services** that is at least as complete and comprehensive as that offered by the conventional storefront

Technology Focus:

...~~Rx request. The RVM unit is adapted to decode encrypted information using a corresponding RxID code.~~ The drugs are in the form of at least one of a solid, liquid, cream, and ointment. The data

entry device comprises at least one of a numeric keypad and a magnetic card **reader**.

...unit to dispense comprises transmitting, from the drug dispensing unit, a signal representative of an **entered key code** to a remote controller operative to associate a corresponding patient identification key **code** with a particular validated prescription. The method further includes a step of storing, for each request to dispense a drug, an encrypted enabling signal and a corresponding transaction key **code** unique to each particular request for decrypting instructions for filling a request at the dispensing unit. In response to **receipt** of the signal transmitted during the transmitting step, the remote controller performs a step of transmitting the encrypted enabling signal and transaction key **code** to the prescription medication dispensing unit when a corresponding match is identified. The dispensing unit is responsive to **receipt** of the enabling signal and transaction key **code** to decode instructions for filling a request and to dispense a corresponding drug in accordance

...Title Terms: **ENTER** ;

9/3,K/11 (Item 11 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

014214788 \*\*Image available\*\*  
WPI Acc No: 2002-035486/200205  
XRPX Acc No: N02-027192

**Automatic, computerized audio-visual vending machine, includes equipment taking payment and providing e.g. information, tickets and receipt**  
Patent Assignee: ERTEL J (ERTE-I); ROGALLA B (ROGA-I); WALTER T (WALT-I)  
Inventor: ERTEL J; ROGALLA B; WALTER T  
Number of Countries: 001 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 20102663	U1	20010809	DE 2001U2002663	U	20010215	200205 B
DE 10155635	A1	20021002	DE 1055635	A	20011113	200273

Priority Applications (No Type Date): DE 2001U2002663 U 20010215

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 20102663	U1	7		G07F-017/42	
DE 10155635	A1			G07F-017/42	

**Automatic, computerized audio-visual vending machine, includes equipment taking payment and providing e.g. information, tickets and receipt**

Abstract (Basic):

... computer (2). Monitor (4), camera, loudspeaker (3) and microphone (5) permit communication between customer and **service** personnel. A **reader** (7) is provided for e.g. credit, bank and EC cards, permitting cost debiting. A...

...or change function accepts banknotes and/or coins. An integral printer produces tickets or other **documents**.

... g. information and/or tickets. Tickets are e.g. for flights, rail, buses, cultural and entertainment events. Information concerns e.g. flights, addresses, organizations, telephone **numbers** and weather

...

...automation operates in conjunction with human intelligence and personal audio/visual communication, to provide the **services** required. Personal **service** is emphasized, despite the highly-automated nature of the system. This is a key feature...

...to future IP (interpersonal network) communications, a stage beyond purely technical networking with LANs, ethernet, **token** rings and bare telecommunications systems...

...The automat is seen in block schematic **form**.

...

... **reader** (7

...Title Terms: **EQUIPMENT** ;

9/3,K/12 (Item 12 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

013608221

WPI Acc No: 2001-092429/200111

Related WPI Acc No: 2001-409929

XRPX Acc No: N01-069931

Network access device detects web addresses on conventional media, loads associated Internet page on screen of computer, TV or mobile telephone automatically or on command

Patent Assignee: FRIEDRICH H (FRIE-I)

Inventor: FRIEDRICH H

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 10000664	A1	20001228	DE 1000664	A	20000111	200111 B

Priority Applications (No Type Date): DE 99U2011142 U 19990625

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 10000664	A1	4		G06K-009/18	

Abstract (Basic):

... page on the screen of a computer, TV or mobile telephone either automatically or on **receipt** of a command so that the user is completely freed from the need to **enter** a web address.

... An INDEPENDENT CLAIM is also included for specific Internet software, clothing **labels**, food **labels**, **books** and text as data media for web addresses, replacement parts for cars, machines, etc., stamps...

...For accessing the Internet for web **scanning**.

...

...conventional access devices, e.g. the ease with which web address of interest on a **document** can be lost

9/3,K/13 (Item 13 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

013567598

WPI Acc No: 2001-051805/200107

XRPX Acc No: N01-039823

Performing cashless transactions by transmitting data identifying a purchaser but not a payment account, verifying that the purchaser is registered and sending a notice to the point of purchase where a bill is generated

Patent Assignee: CHECKFREE CORP (CHEC-N)

Inventor: GANESAN R

Number of Countries: 029 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 1052603	A2	20001115	EP 2000107413	A	20000405	200107 B
AU 200028891	A	20001116	AU 200028891	A	20000419	200107
CA 2305233	A1	20001026	CA 2305233	A	20000414	200107
ZA 200001929	A	20010131	ZA 20001929	A	20000417	200110
EP 1052603	A9	20020904	EP 2000107413	A	20000405	200266
US 6678664	B1	20040113	US 99299102	A	19990426	200405
US 20040139005	A1	20040715	US 99299102	A	19990426	200447
			US 2003695946	A	20031030	

Priority Applications (No Type Date): US 99299102 A 19990426; US 2003695946 A 20031030

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 1052603 A2 E 32 G07F-019/00

Designated States (Regional): AL AT BE CH CY DE DK ES FI FR GB GR IE IT LI LT LU LV MC MK NL PT RO SE SI

CA 2305233 A1 E G06F-017/60

ZA 200001929 A 86 G06F-000/00

EP 1052603 A9 E G07F-019/00

US 6678664 B1 G06F-017/60

US 20040139005 A1 G06F-017/60 Cont of application US 99299102

Cont of patent US 6678664

... the purchaser is registered and sending a notice to the point of purchase where a bill is generated

Abstract (Basic):

... The information identifying the purchaser may be generated by reading a driver's license, passport or other document or a bar code on such a document. The purchaser may be responsible for generating the information, thus increasing security. Additional personal information may be entered by keyboard. The information is sent to a central station and if the purchaser is...

...as a registered purchaser, a signal is sent to the point of purchase where a bill is generated. Payment may be made in any convenient way, whether by credit card, cash...

... Purchasing products .

...Title Terms: BILL ;

9/3,K/14 (Item 14 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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013343148 \*\*Image available\*\*

WPI Acc No: 2000-515087/200046

XRPX Acc No: N00-380662

Document entries and addresses automatic reading method e.g. for

**postal system - involves video coding of image data carried out during ambiguous reading result not automatically ascertained in allotted time period**

Patent Assignee: SIEMENS AG (SIEI ); SIEMENS DEMATIC AG (SIEI )

Inventor: BAYER T; SCHAEFER H; SCHAFER H

Number of Countries: 024 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 200048119	A1	20000817	WO 2000DE269	A	20000201	200046 B
AU 200031445	A	20000829	AU 200031445	A	20000201	200062
EP 1159705	A1	20011205	EP 2000908959	A	20000201	200203
			WO 2000DE269	A	20000201	
AU 747357	B	20020516	AU 200031445	A	20000201	200244
EP 1159705	B1	20020911	EP 2000908959	A	20000201	200264
			WO 2000DE269	A	20000201	
DE 50000491	G	20021017	DE 500491	A	20000201	200269
			EP 2000908959	A	20000201	
			WO 2000DE269	A	20000201	
JP 2002536769	W	20021029	JP 2000598968	A	20000201	200274
			WO 2000DE269	A	20000201	
NZ 514051	A	20031031	NZ 514051	A	20000201	200380
			WO 2000DE269	A	20000201	

Priority Applications (No Type Date): DE 1005938 A 19990212

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 200048119	A1	G	27 G06K-009/66	Designated States (National): AU CA JP NZ US Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE
AU 200031445	A		G06K-009/66	Based on patent WO 200048119
EP 1159705	A1	G	G06K-009/66	Based on patent WO 200048119 Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
AU 747357	B		G06K-009/66	Previous Publ. patent AU 200031445 Based on patent WO 200048119
EP 1159705	B1	G	G06K-009/66	Based on patent WO 200048119 Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LI LU MC NL PT SE
DE 50000491	G		G06K-009/66	Based on patent EP 1159705 Based on patent WO 200048119
JP 2002536769	W	23	G06K-009/68	Based on patent WO 200048119
NZ 514051	A		G06K-009/66	Based on patent WO 200048119

Document entries and addresses automatic reading method e.g. for postal system...

...involves video coding of image data carried out during ambiguous reading result not automatically ascertained in allotted time period

...Abstract (Basic): A document - and address- reading method is based on automatic reading of the information in an automatic reader , following receipt of an image (copy) of the document or transmission to be read . Layout analysis designed to determine the area of the document containing the information to be read , followed by classifying the zones e.g. lines, words and individual symbols or signals, is...

...of the analysis and classification procedures is then carried out until a new image is read . Video coding of a relevant image is carried out

using an ambiguous **reading** result, not automatically ascertained in the allotted time-period. With clear, unambiguous information automatically **read** from selected images or copies, the intermediate results for an actual spot-check are stored...

...Information obtained from the video coding is **read** again in a second automatic **reading** process, together with the image data. With an unambiguous, clear **reading** result, the **reading** - and intermediate-results are assigned to the associated image data also stored for the actual spot check, and with the actual spot check, the automatic **reader** is newly adapted...

...USE - Postal items , such as letters or parcels...  
Title Terms: DOCUMENT ;

9/3,K/15 (Item 15 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

012721746 \*\*Image available\*\*  
WPI Acc No: 1999-527858/199944  
XRAM Acc No: C99-155238  
XRPX Acc No: N99-390948

Material which may be used for the production of disposable food trays and packaging articles

Patent Assignee: PETERSON SCANPROOF AB (PETE-N)

Inventor: GUSTAVSSON L

Number of Countries: 085 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9944909	A1	19990910	WO 99SE173	A	19990210	199944	B
SE 9800671	A	19990905	SE 98671	A	19980304	199950	
SE 511651	C2	19991101	SE 98671	A	19980304	199952	
AU 9927513	A	19990920	AU 9927513	A	19990210	200007	
EP 1060107	A1	20001220	EP 99907987	A	19990210	200105	
			WO 99SE173	A	19990210		

Priority Applications (No Type Date): SE 98671 A 19980304

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

WO 9944909 A1 E 11 B65D-065/46

Designated States (National): AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZW

Designated States (Regional): AT BE CH CY DE DK EA ES FI FR GB GH GM GR IE IT KE LS LU MC MW NL OA PT SD SE SZ UG ZW

SE 9800671 A B65D-065/46

SE 511651 C2 B32B-029/06

AU 9927513 A B65D-065/46 Based on patent WO 9944909

EP 1060107 A1 E B65D-065/46 Based on patent WO 9944909

Designated States (Regional): AT BE CH DE DK ES FI FR GB GR IE IT LI LU NL PT SE

Material which may be used for the production of disposable food trays and packaging articles

Abstract (Basic):

... The material is built up from a number of layers, these

layers comprising, from the inside, first, a greaseproof paper layer, a layer...  
...In the production of disposable trays for ready-cooked or semi-prepared food, as packaging for chilled or frozen foodstuffs (e.g. pastry...  
... Material is relatively cheap, has reduced weight compared to plastic-coated cardboard, and is resistant to...  
...The drawing shows the preferred composition of the material.

Technology Focus:

... Preferred Composition: The material is preferably built of two layers of greaseproof paper, and thus has a total basic...  
...Preferred Composition: The first and/or second greaseproof paper preferably contains filler, in the form of titanium dioxide (1-10%, preferably 2.5-5 % of the total dry wt).

Extension Abstract:

... lower water vapor transmission than A, B, and C, which in turn had better (lower) slip angles on the inside (i.e. it would be easier to separate trays from one...)

Title Terms: MATERIAL ;

9/3,K/16 (Item 16 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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012520926 \*\*Image available\*\*

WPI Acc No: 1999-327032/199927

XRPX Acc No: N99-245295

Digital electronic clipboard data recording apparatus adapted for remote editing of pages

Patent Assignee: HEWLETT-PACKARD CO (HEWP )

Inventor: CURRY B U

Number of Countries: 020 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
WO 9923546	A1	19990514	WO 98US22946	A	19981028	199927	B
US 6055552	A	20000425	US 97961691	A	19971031	200027	
EP 1025482	A1	20000809	EP 98956318	A	19981028	200039	
			WO 98US22946	A	19981028		
JP 2001522081	W	20011113	WO 98US22946	A	19981028	200204	
			JP 20000519341	A	19981028		
EP 1025482	B1	20020522	EP 98956318	A	19981028	200241	
			WO 98US22946	A	19981028		
DE 69805536	E	20020627	DE 605536	A	19981028	200250	
			EP 98956318	A	19981028		
			WO 98US22946	A	19981028		

Priority Applications (No Type Date): US 97961691 A 19971031

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes  
WO 9923546 A1 E 54 G06F-003/033

Designated States (National): JP

Designated States (Regional): AT BE CH CY DE DK ES FI FR GB GR IE IT LU  
MC NL PT SE

US 6055552 A G06F-017/30  
EP 1025482 A1 E G06F-003/033 Based on patent WO 9923546

Designated States (Regional): DE FR GB  
JP 2001522081 W 50 G06F-017/22 Based on patent WO 9923546  
EP 1025482 B1 E G06F-003/033 Based on patent WO 9923546  
Designated States (Regional): DE FR GB  
DE 69805536 E G06F-003/033 Based on patent EP 1025482  
Based on patent WO 9923546

Abstract (Basic):

... 11) including digitizer (13) supporting pages, and a tethered binary pressure sensitive stylus (19) for **entering** writing, concurrently processes multiple pages (18, 20) by way of user interface (25) for displaying...  
... Includes **bar code scanner** for alternative page identification and additional information e.g. **invoice**. Has microphone...  
... Delivery **services**, retail stores, manufacturers records, signature capture for credit card transactions...  
... mechanism of reducing errors and correcting transposed data by remote editing. Permits processing of large **number of forms**

9/3,K/17 (Item 17 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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012300461 \*\*Image available\*\*  
WPI Acc No: 1999-106567/199910  
XRPX Acc No: N99-076963

Automatic data collection and processing system e.g. for veterinary treatment of animals - has set of scannable bar code inputs indexed to data entries with set of scannable bar code inputs being included in field code book with pages sheathed in plastic covers for use in field

Patent Assignee: IMPROMED INC (IMPR-N)

Inventor: DETJEN R A

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
CA 2227099	A	19980717	CA 2227099	A	19980116	199910 B

Priority Applications (No Type Date): US 982516 A 19980102; US 9737637 P 19970117

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
CA 2227099	A	15	G06F-017/40	

... has set of scannable bar code inputs indexed to data entries with set of scannable bar code inputs being included in field code book with pages sheathed in plastic covers for use in field

... Abstract (Basic): The system comprises a set of scannable code inputs indexed to data entries, the set of scannable code inputs are in durable **form** for use in the field. A portable data collection device collects data through **scanning** of various ones of the set of code inputs. A computer program stored in the portable data collection device and a hardware interface...

... electronic unit is a printer. The data collection device causes the

printer to print an **invoice** in the field. The printer will print an **invoice / receipt** for clients showing client, client **number**, client location, **service code**, **service name**, quantity and price, patient identification. **Service** specific to patient, notes, total **invoiced**, and attending professional...

...Title Terms: **SCAN** ;

9/3,K/18 (Item 18 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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011805034 \*\*Image available\*\*  
WPI Acc No: 1998-221944/199820  
XRPX Acc No: N98-175801

**Ordering and accounting system for restaurant e.g. fast-food store - uses ordering slip which is provided with code block in which customer identification code is entered**

Patent Assignee: DAINIPPON PRINTING CO LTD (NIPQ )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 10063738	A	19980306	JP 96235808	A	19960820	199820 B

Priority Applications (No Type Date): JP 96235808 A 19960820

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 10063738	A	6	G06F-017/60	

... **uses ordering slip which is provided with code block in which customer identification code is entered**

...Abstract (Basic): The system uses an ordering **slip** (1) to be **filled in** by a customer with the **products** and quantity to be ordered. The ordering **slip** has a **code** block to be **filled in** with the customer's identification **code**. Several ordering **slip readers** (2) are installed on the restaurant counter to **read** the ordering **slips**. An order-received managing apparatus (3) manages an order and based on an order data **read** by an ordering **slip reader**.

...

...An order-received write-out power apparatus (4) publishes an order-received **document** of the ordered **products** based on the indication by the order-received managing apparatus. An accounting apparatus (5) performs an accounting of the price of the ordered **products** based on the order data on the ordering **slip**.

...

...ADVANTAGE - Order of one customer is automatically collectable since ordering **slip** is provided with **code** block which is **filled in** with customer identification **code**, thus simplifying collection of orders

...Title Terms: **SLIP** ;

9/3,K/19 (Item 19 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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011518459 \*\*Image available\*\*

WPI Acc No: 1997-494945/199746

XRPX Acc No: N97-412109

Registered mail automatic mailing machine - has controller which recognises character of designation area in which character information is extracted and analysed, to recognise name of sender and recipient to be printed in receipt proof

Patent Assignee: OKI ELECTRIC IND CO LTD (OKID )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9231419	A	19970905	JP 9637784	A	19960226	199746 B

Priority Applications (No Type Date): JP 9637784 A 19960226

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

JP 9231419 A 5 G07B-017/00

... is extracted and analysed, to recognise name of sender and recipient to be printed in receipt proof

...Abstract (Basic): and the recipient. The name of the sender and the recipient are printed in a receipt proof which is issued...

...ADVANTAGE - Raises customer utilisation factor by issuing bar coded receipt proof even when customer did not enter name of sender and recipient, thus reduces confusion to window service when mailing registered mail. Enables to read information on voucher of different form even if character of designation area is not previously recognised since designation area can be...

...Title Terms: RECEIPT ;

9/3,K/20 (Item 20 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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011415335 \*\*Image available\*\*

WPI Acc No: 1997-393242/199736

XRPX Acc No: N97-327379

Self-service film developing appts. - with separate status screen separate from work station for customer to see when order is ready

Patent Assignee: EASTMAN KODAK CO (EAST )

Inventor: KLEES K J; MOSHER M R

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5652936	A	19970729	US 96597096	A	19960206	199736 B

Priority Applications (No Type Date): US 96597096 A 19960206

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

US 5652936 A 7

Self-service film developing appts...

...with separate status screen separate from work station for customer to see when order is ready

...Abstract (Basic): The appts. is in the form of a kiosk which receives an undeveloped film (12) and delivers prints and developed film...

...display is viewed by other customers while a customer is using the work station. A **scanner** (25) is provided to **scan** the developed film and prints, to provide a digital record of images to be printed. There is also an input port (27) or computer disc **reader** (29) for digital record...

...customer to make a payment (16). The customer is prompted to insert the film and **enter** order information in response to questions on the display. A claim **receipt** printer (18) prints a claim **receipt** when the order entry is completed. The customer checks the order status on the status...

...time period. Alternatively the customer can query the appts to see if the order is **ready** via a second data entry appts., keypad or **barcode reader**.

...Title Terms: **SERVICE** ;

9/3,K/21 (Item 21 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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011145949 \*\*Image available\*\*  
WPI Acc No: 1997-123873/199712  
XRPX Acc No: N97-102153

Point-of-sales management system for gift certificate used in e.g. supermarket, department store - uses inventory controller that subtracts number of prods. for gift certificates based on registered prod. data from inventory control master quantity if transaction mode is established and bar code is read

Patent Assignee: FUJITSU LTD (FUIT )  
Number of Countries: 001 Number of Patents: 002  
Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 9007066	A	19970110	JP 95156339	A	19950622	199712 B
JP 3454607	B2	20031006	JP 95156339	A	19950622	200366

Priority Applications (No Type Date): JP 95156339 A 19950622

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
JP 9007066	A	10		G07G-001/12	
JP 3454607	B2	10		G07G-001/12	Previous Publ. patent JP 9007066

... uses inventory controller that subtracts number of prods. for gift certificates based on registered prod. data from inventory control master quantity if transaction mode is established and bar code is read

...Abstract (Basic): The system uses a prod. data master which stores prod. data contg. the prod. **code**, tradename and unit price corresp. to the **bar code** provided to the prods. An inventory control master registers the inventory data that contains the prod. **code** and quantity. A **bar code scanner** reads the **bar code** provided to the prod. The **read** data is used as the point-of-sales data in managing prod. inventory. A gift...

...to the handling of prod. for the gift certificate. A gift management unit manages the **number** of gift certificates **entered** into an input unit...

...The input unit **enters** the **number** of sheets of the gift certificates

and **number** of prods. for the gift certificates. An inventory controller (6) subtracts the **number** of prods. for the gift certificates based on the prod. data registered into the prod. data master from the quantity of the inventory control master, and updates the **registration** if the gift certificate transaction mode is established and the prod. **bar code** is **read** by the **bar code scanner**.

...

...ADVANTAGE - Ensures precise inventory control and **receipt** publishing  
...Title Terms: **NUMBER** ;

9/3,K/22 (Item 22 from file: 350)

DIALOG(R) File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

011113964 \*\*Image available\*\*

WPI Acc No: 1997-091889/199709

XRPX Acc No: N97-075795

**Inquiry method for bank transfer requests of e.g. electricity bill payment - involves registering received inquiry relating to particular bank transfer transaction from operating store using processing pin centre**

Patent Assignee: OKI ELECTRIC IND CO LTD (OKID )

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8329162	A	19961213	JP 95132184	A	19950530	199709 B
JP 3187282	B2	20010711	JP 95132184	A	19950530	200140

Priority Applications (No Type Date): JP 95132184 A 19950530

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8329162	A	8	G06F-019/00	
JP 3187282	B2	8	G06F-017/60	Previous Publ. patent JP 8329162

**Inquiry method for bank transfer requests of e.g. electricity bill payment...**

...Abstract (Basic): The method involves filing client personal data e.g. address and account **number** into an inquiry file (13). A processing pin centre registers an inquiry relating to a particular bank transfer transaction after receiving it. The seal imprinted on the written inquiry is **read** by a **scanner** (4) and compared to the list of seals for registered financial institutions stored in a...

...The **scanner** stores the image of the seal into a microfilm rolled in a cassette. The filed data relating to the request is **read** out from the inquiry file and sent to a facsimile machine (3) of an operating...

...inquiry. The image data for the seal of the financial institution to which transaction is **entered** is also sent to the facsimile machine...

...USE/ADVANTAGE - E.g. for direct debit transaction at set dates from user accounts to **service** provider accounts. Reduces **registration** time. Automatically searches data and image data at time of inquiry...

...Title Terms: **BILL** ;

9/3,K/23 (Item 23 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

010901805 \*\*Image available\*\*  
WPI Acc No: 1996-398756/199640  
XRPX Acc No: N96-336037

Enterprise activity management system using information-processing system for e.g. incorporated company - has computer which executes arithmetic processing based on algorithm of information-processing program counter corresp. to arithmetic processing routine

Patent Assignee: OZAKI H (OZAK-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 8194746	A	19960730	JP 9538946	A	19950118	199640 B

Priority Applications (No Type Date): JP 9538946 A 19950118

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
JP 8194746	A	8	G06F-017/60	

Enterprise activity management system using information-processing system for e.g. incorporated company...

...Abstract (Basic): system (1) has an appropriation information recorder (7) which is attached by purchase, sale and voucher which pay and relate to payment prodn. and change. A first information reader (9) reads the information recorded by the two information recorders. A second information reader (13) reads an employees recognition information recorded by an employee information recorder (11). A subject information recorder...

...A loan contrast table obtains a document for incoming-and-outgoing excess-and-deficiency sum based on the information from stock-taking...

...ADVANTAGE - Enables fast prodn. of accounts-settlement documents , thus reducing number of staffs. Enables efficient management of product log data, and eliminates posting process. Eliminates office work errors

...

9/3,K/24 (Item 24 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

010347654 \*\*Image available\*\*  
WPI Acc No: 1995-248968/199533

Character domain cutting method used in voucher character recognition - involves outputting entry field co-ordinates indicating range of character domain

Patent Assignee: NIPPON TELEGRAPH & TELEPHONE CORP (NITE )

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
JP 7152861	A	19950616	JP 93296721	A	19931126	199533 B

Priority Applications-(No-Type-Date): JP 93296721 A 19931126

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
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**Character domain cutting method used in voucher character recognition**

...Abstract (Basic): The character domain cutting method involves feeding the image data in **form** of character **code** of a record **book** along with the co-ordinates of image data range. It involves **scanning** in each line and sub- **scanning** direction of the record **book** image data. The length of the stretching of the **number** of inversion of one pixel of binary data and a same pixel is detected. The length of the stretching of the detected **number** of pixel inversion times and a same pixel, corrects the **number** of pixels contained in the **scanning** line

...

...The **scanning** line satisfies a size judging reference value. The co-ordinates of the **scanning** line which has the **number** of maximum pixels in each **scanning** direction are made the co-ordinates of the ruled line of an entry field. The...

...ADVANTAGE - In computer system for data entry operation. Enables positional offset of character part during **reading**. Obtains shorter work time. Enables **reading** of **voucher** with sufficient accuracy...

...Title Terms: **VOUCHER** ;

9/3,K/25 (Item 25 from file: 350)

DIALOG(R) File 350:Derwent WPIX

(c) 2004 Thomson Derwent. All rts. reserv.

010321019 \*\*Image available\*\*

WPI Acc No: 1995-222292/199529

XRPX Acc No: N95-191627

Product distribution for suppliers to customers - has central ordering from distributor who produces product labels for shop use allowing shops to add their own prices and identify products via codes  
Patent Assignee: OPV SYSTEM I KALMAR AB (OPVS-N); OPV I LJUNGBY AB (OPVI-N)  
Inventor: CALMIUS C

Number of Countries: 019 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
NO 9404381	A	19950518	NO 944381	A	19941116	199529	B
EP 663654	A1	19950719	EP 93850218	A	19931116	199533	
FI 9405399	A	19950517	FI 945399	A	19941116	199534	
EP 663654	B1	19970903	EP 93850218	A	19931116	199740	
DE 69313653	E	19971009	DE 613653	A	19931116	199746	
			EP 93850218	A	19931116		
ES 2109470	T3	19980116	EP 93850218	A	19931116	199810	
NO 311118	B1	20011008	NO 944381	A	19941116	200163	

Priority Applications (No Type Date): EP 93850218 A 19931116

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

NO 9404381 A 1 G06F-017/60

EP 663654 A1 E 7 G07F-007/00

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC  
NL PT SE

FI 9405399 A G07F-007/00

EP 663654 B1 E 8 G07F-007/00

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC

NL PT SE  
DE 69313653 E G07F-007/00 Based on patent EP 663654  
ES 2109470 T3 G07F-007/00 Based on patent EP 663654  
NO 311118 B1 G07F-007/00 Previous Publ. patent NO 9404381

Product distribution for suppliers to customers...

...has central ordering from distributor who produces product labels for shop use allowing shops to add their own prices and identify products via codes

...Abstract (Basic): The product distribution system for retailers includes a central ordering distributor. Retailers place orders on this distributor who obtains products from producers. The distributor delivers the orders to the retailer or causes them to be...

...For each product a product label (19) is produced. This contains a picture (20) of the product, logos (22,23) for producer and distributor and a barcode (29) for the product. Spaces (28,29) are provided for the retailer to enter prices for display. A separate product list is provided for retailer computer...

...ADVANTAGE - Simplifies the management of delivering products to retailers while leaving retailer to set prices...

...Abstract (Equivalent): A method in distributing products from suppliers to retail shops for sale to customers wherein each retailer is provided with information about available products with a number associated with each article to be used in ordering products from a distributor, ordered products being delivered to the retailer and being stored in the retailer's shop with the product or the package thereof provided with the EAN bar code identifying the product, and wherein the EAN bar code for each product available in the retailer's shop is stored in a cash register in the retailer's shop together with the associated sales price of the product, the EAN bar code being read when the product is to be delivered and sold to a customer to produce a sale slip for the customer showing the sales price of the product, characterised in that the information about products available from the distributor or from producers or wholesalers is provided individually for each retailer as printed matter in the form of register sheets and a number of separate labels, each label being individualised for one product, and having the order number for the products or the associated product, respectively printed thereon as a bar code, that the printed matter is distributed to the retailers, and that the labels are mounted in the retailer's shop where the product is available to the customer, the sales price of each product added by the retailer being indicated on the associated label but not on the individual product or the package thereof, the order number of bar codes on the register sheets or the order number bar code on individual labels being read in ordering products from the distributor...

Title Terms: PRODUCT ;

9/3,K/26 (Item 26 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
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010276113 \*\*Image available\*\*  
WPI Acc No: 1995-177368/199523

XRPX Acc No: N95-139228

Digital signals receiver - reduces synchronism and data delay times by comparison of slip signals

Patent Assignee: ELECTROTECH DEVICES RES INST (ELEC-R)

Inventor: KUROCHKIN V N; KUZNETSOV B V; YAKOVLEV YU K

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RU 2020764	C1	19940930	SU 4935930	A	19910506	199523 B

Priority Applications (No Type Date): SU 4935930 A 19910506

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
RU 2020764	C1	4	H04J-003/00	

... reduces synchronism and data delay times by comparison of slip signals

...Abstract (Basic): Appts. comprises write counter (1), input register (2), read counter (3), synchroniser (4), phase comparator (5), signal slip unit (6), elastic memory (7), address commutator (8), synchronising signal retention unit (9), synchronising signal...

...Reliability of reception is improved by reducing the time taken to enter synchronism and by reducing signal delay, due to the introduction of series-connected phase comparator and signal slip unit, and series-connected synchronising signal retention unit, synchronising signal search unit and coincidence unit...

...input binary data and entry into memory (7) RAM is via counter (1) addresses, whose codes vary from 0 to 63. Cycles are formed for entry into the memory of data...

...the input data frequency. Frequencies of 512 and 256kHz are taken from counter (3) to form four cycle sets at 256kHz. On coincidence of an even cycle synchronism with the channel interval code 0, and the accumulator is zeroed. To remove uncontrolled slippage and with a read address of 63 the cycle slip can be executed for addresses from 33 to 62. For a write address code of 33 and read code of 63 the signal delay is one cycle. The slip signal and read address pass to the slip unit (6) to give the most significant read address...

...is concerned with communications and may be used in digital communications systems transmission and commutation equipment .

Bul.18/30.9.94...

...Title Terms: SLIP ;

9/3,K/27 (Item 27 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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009941043 \*\*Image available\*\*

WPI Acc No: 1994-208755/199425

XRPX Acc No: N94-164220

Transaction manager e.g. for home shopping, bill paying etc.. - has program storage for management program for sequential entry and execution of program commands, and set of command routines, each including bar - code data entry for storing transaction data in data storage

Patent Assignee: VERIFONE INC (VERI-N)

Inventor: ROBERTS A B

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 5324922	A	19940628	US 9322129	A	19930225	199425 B

Priority Applications (No Type Date): US 9322129 A 19930225

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
US 5324922	A	26	G06F-015/20	

Transaction manager e.g. for home shopping, bill paying etc...

...for sequential entry and execution of program commands, and set of command routines, each including bar - code data entry for storing transaction data in data storage

...Abstract (Basic): A transaction is managed using a transaction terminal having a **bar - code reader**. A transaction program forming part of the system includes at least one page of a medium having a first and second sets of data **codes**. The first set of data **codes** is printed in a prearranged sequence and comprises a predetermined sequence of program commands for...

...The second set of data **codes** is printed on the same or another page of the visual medium. Each of the data **codes** in the second set comprises a prearranged **item** of transaction data for use in the data entry steps. The transaction terminal includes a computer interfaced to the manual **code reader**. The computer includes a program storage device and a data storage device. The program storage...

...routines including at least one data entry routine which, in turn, includes program steps for **reading** one of the second set of the data **codes** and storing the transaction data in the data storage. The terminal has a modem for...

...ADVANTAGE - Is **document** -driven rather than memory driven to facilitate adding new program capability to system...

...Title Terms: **BILL** ;

9/3,K/28 (Item 28 from file: 350)

DIALOG(R)File 350:Derwent WPIX

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009856929 \*\*Image available\*\*

WPI Acc No: 1994-136785/199417

XRPX Acc No: N94-107419

Checking system for medical prescription delivery by pharmacy - has coding data entered onto filled prescription forms that is checked by central unit against pharmacy records

Patent Assignee: WETTSTEIN M (WETT-I)

Inventor: WETTSTEIN M

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 4235047	A1	19940421	DE 4235047	A	19921017	199417 B

Priority Applications (No Type Date): DE 4235047 A 19921017

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
DE-4235047	A1	6	G06F-015/21	

... has coding data entered onto filled prescription forms that is checked by central unit against pharmacy records  
...Abstract (Basic): The checking system sorts, monitors and logs prescription receipts (3) issued by a doctor for handling by a pharmacist uses data processing techniques. Each pharmacy (1) has the items supplied (5) scanned by a reader (6) to provide an article number that is entered into a computer (7). Cost and identification data is generated to be printed onto the...

...After a period of days the accumulated data is entered onto disc (11) and together with the prescription (3) is transported to processing stage (2). Warning signals are generated if a code (9) read from a prescription does not match with data from the disc...

...ADVANTAGE - Allows pharmacy items to be checked against prescriptions

...Title Terms: CODE ;

9/3,K/29 (Item 29 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
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009676780 \*\*Image available\*\*

WPI Acc No: 1993-370333/199347

XRPX Acc No: N93-285924

Shopping system with spaced customer selection and goods dispatch points - uses data link to transmit selected goods information to dispatch and collection point outside town centre

Patent Assignee: ACCUMULATA VERW GES MBH (ACCU-N); ACCUMULATA VERW GMBH (ACCU-N)

Inventor: SCHLAMP H

Number of Countries: 020 Number of Patents: 010

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 570913	A2	19931124	EP 93108094	A	19930518	199347	B
DE 4217045	A1	19931125	DE 4217045	A	19920522	199348	
DE 4217045	C2	19940825	DE 4217045	A	19920522	199432	
EP 570913	A3	19940713	EP 93108094	A	19930518	199528	
US 5431250	A	19950711	US 9363828	A	19930520	199533	
EP 570913	B1	19970312	EP 93108094	A	19930518	199715	
DE 59305689	G	19970417	DE 505689	A	19930518	199721	
			EP 93108094	A	19930518		
ES 2098587	T3	19970501	EP 93108094	A	19930518	199724	
TW 357308	A	19990501	TW 94100653	A	19940126	199937	N.
KR 9711855	B1	19970718	KR 9314491	A	19930729	199947	N

Priority Applications (No Type Date): DE 4217045 A 19920522; TW 94100653 A . 19940126; KR 9314491 A 19930729

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 570913 A2 G 7 G07F-007/00

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DE 4217045 A1 8 A47F-010/02

DE 4217045 C2 7 A47F-010/02

US 5431250 A 7 E04H-003/04

EP 570913 B1 G 9 G07F-007/00

Designated States (Regional): AT BE CH DE DK ES FR GB GR IE IT LI LU MC NL PT SE

DE 59305689 G G07F-007/00 Based on patent EP 570913  
ES 2098587 T3 G07F-007/00 Based on patent EP 570913  
EP 570913 A3 G07F-007/00  
TW 357308 A G06F-017/60  
KR 9711855 B1 G06F-017/60

**Shopping system with spaced customer selection and goods dispatch points...**

...uses data link to transmit selected goods information to dispatch and collection point outside town centre

...Abstract (Basic): The shopping system has a customer selection point (1) at which sample goods are displayed and a remote dispatch point (3) for the selected items communicating with the selection point via a data line (2...

...customer uses an interrogation device (13) with an input keyboard (15) for selecting the required items , with a cash-point for calculating the corresponding charge. A central computer (53) at the dispatch point is used to select the required items , which are released when the customer inserts a payment receipt in a reader (32) at the dispatch point...

...ADVANTAGE - Allows decentralised shopping using park-and-ride centres from which selected goods can be collected...

...Abstract (Equivalent): The samples unit (1) is located at a different place from the goods -dispenser unit (3) to which it is connected by a line (2) for data exchange...

...and information (16), and the customer receives an enquiry (13) and input (15) appliance. A bill is automatically made out at a cash desk (11) where the customer gets a collection card (4) to take to the goods dispenser unit which has a central computer (53). The goods dispenser unit contains larger quantities of the goods in its store (31) from where the goods are taken to a goods dispenser unit. The customer feeds his collector card into a reading unit (34...

...ADVANTAGE - The goods -sales system avoids buyers having to drive into town centres to buy goods

...Abstract (Equivalent): A sales system for the sale and delivery of goods , having the following features; (a) A sample shop (1) is located at a first site, (b) A goods dispensing station (3), with which the sample shop (1) is connected via a line (2...

...site, which is distant from the first site, (c) The sample shop (1) contains single items of goods , pictures and/or descriptions of these goods as display samples (14) with requestable information (16) being associated with the display samples (14...

...device (13) the customer request the information (16) corresponding to the display sample (14) and enters on the input device (15) the desired piece number of the goods corresponding to the display samples (14), (f) An invoice is automatically issued to the customer on the basis of the information transmitted by the...

...13) at a cash desk installation (11) provided in the sample shop, (g)

After the invoice has been settled and a collection card (4) issued from the cash desk installation (11) the information relating to the desired goods and their piece numbers together with information

identifying the customer which is also located on the collection card (4), is transmitted to a central computer (53) of the **goods** dispensing station (3) via the line (2), (h) The **goods** dispensing station (3) contains **goods** corresponding to the display samples (14) in larger piece **number** in a storage installation (31), (i) On the basis of the information given to the **goods** dispensing station (3) the **goods** the customer desires are removed from the storage installation (31) and placed into a **goods** dispensing installation (32), (k) After the insertion of the collection card by the customer into a **reading** device (34) of the **goods** dispensing device (32) a removal device (33) for the removal of the desired **goods** is displayed by a display device (35,52...).

...Abstract (Equivalent): The method involves locating a sample shop at a first location. A **product** distribution station is located at a second location, at a distance from the first location...

...the sample shop via a line for the purpose of data exchange. Single specimens of **products** are offered in the sample shop in the **form** of visual copies with information which can be queried. In the sample shop, each client...

...the information which corresponds to the visual copy by means of the query device and **enters** the **number** of **items** desired by him of the **products** which correspond to the visual copy using the data entry device. After receiving a collection card, the client goes to a **product** distribution station in order to collect the **products** about which information is communicated via the line concerning the desired **products** and the **number** of **items** together with information which identifies the client which is also to be found on the...

...ADVANTAGE - Avoids purchasers having to drive into downtown area in cars in order to purchase **products**.

(

...Title Terms: **GOODS** ;

9/3,K/30 (Item 30 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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009281516 \*\*Image available\*\*  
WPI Acc No: 1992-408927/199250  
Related WPI Acc No: 1992-408928; 1993-002149; 1995-217245; 1995-217247;  
1997-261501; 1997-261502; 2001-009201; 2003-423320  
XRPX Acc No: N92-311884

Multiple data surface optical medium and data storage system - has multiple light transmissive substrates separated by light transmissive medium with data surfaces on substrates accessed by laser light focused accordingly

Patent Assignee: INT BUSINESS MACHINES CORP (IBMC ); BEST M E (BEST-I); ROSEN H J (ROSE-I); RUBIN K A (RUBI-I); STRAND T C (STRA-I); IBM CORP (IBMC )

Inventor: BEST M E; ROSEN H J; RUBIN K A; STRAND T C; RUBEN K A

Number of Countries: 010 Number of Patents: 067

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 517490	A2	19921209	EP 92305061	A	19920602	199250 B
CA-2066004	A	19921205	CA-2066004	A	19920415	199308
CN 1067521	A	19921230	CN 92103211	A	19920504	199336
US 5255262	A	19931019	US 91710226	A	19910604	199343

EP 517490	A3	19930303	EP 92305061	A	19920602	199349
US 5381401	A	19950110	US 91710226	A	19910604	199508
			US 9379483	A	19930618	
US 5410530	A	19950425	US 91710226	A	19910604	199522
			US 9379483	A	19930618	
			US 94188613	A	19940126	
US 5446723	A	19950829	US 91710226	A	19910604	199540
			US 9379473	A	19930618	
			US 95371309	A	19950110	
US 5513170	A	19960430	US 91710226	A	19910604	199623
			US 9379483	A	19930618	
			US 94188613	A	19940126	
			US 95378690	A	19950126	
US 5586107	A	19961217	US 91710226	A	19910604	199705
			US 9379473	A	19930618	
			US 95371309	A	19950110	
			US 95424854	A	19950419	
			US 95557351	A	19951116	
US 5598398	A	19970128	US 91710226	A	19910604	199710
			US 9379473	A	19930618	
			US 95371309	A	19950110	
			US 95424854	A	19950419	
US 5606546	A	19970225	US 91710226	A	19910604	199714
			US 9379483	A	19930618	
			US 94188613	A	19940126	
			US 95378690	A	19950126	
			US 95458578	A	19950531	
			US 96651288	A	19960522	
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			US 9379483	A	19930618	
			US 94188613	A	19940126	
			US 95378690	A	19950126	
			US 95425015	A	19950418	
			US 96695178	A	19960801	
JP 9120552	A	19970506	JP 92135429	A	19920528	199728
			JP 96221968	A	19920528	
JP 9120554	A	19970506	JP 92135429	A	19920528	199728
			JP 96221486	A	19920528	
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			JP 96221568	A	19920528	
JP 9120556	A	19970506	JP 92135429	A	19920528	199728
			JP 96221980	A	19920528	
JP 9120580	A	19970506	JP 92135429	A	19920528	199728
			JP 96221031	A	19920528	
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			JP 96221589	A	19920528	
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			JP 96221935	A	19920528	
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			JP 96221991	A	19920528	
EP 517490	B1	19970827	EP 92305061	A	19920602	199739
			EP 96203661	A	19920602	
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CN 1114770	A	19960110	CN 92103211	A	19920504	199740
			CN 95101435	A	19920504	
CN 1120717	A	19960417	CN 92103211	A	19920504	199745
			CN 95101436	A	19920504	
CN 1120718	A	19960417	CN 92103211	A	19920504	199745
			CN 95101437	A	19920504	
DE 69221776	E	19971002	DE 92621776	A	19920602	199745
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				US	9379483	A	19930618	
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				US	95378690	A	19950126	
				US	95425015	A	19950418	
				US	96695178	A	19960801	
				US	97805377	A	19970224	
KR	9607253	B1	19960529	KR	927564	A	19920504	199919
US	5905700	A	19990518	US	91710226	A	19910604	199927
				US	9379483	A	19930618	
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				US	95378690	A	19950126	
				US	95425015	A	19950418	
				US	96695178	A	19960801	
				US	97805377	A	19970224	
				US	984970	A	19980109	
KR	9616887	B1	19961226	KR	927564	A	19920504	199931
				KR	9534775	A	19951010	
KR	9616888	B1	19961226	KR	927564	A	19920504	199931
				KR	9534777	A	19951010	
KR	9616889	B1	19961226	KR	927564	A	19920504	199931
				KR	9534780	A	19951010	
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				KR	9534774	A	19951010	
KR	9707169	B1	19970503	KR	927564	A	19920504	199941
				KR	9534776	A	19951010	
CN	1221179	A	19990630	CN	95101436	A	19920504	199944
				CN	98126571	A	19920504	
KR	9709051	B1	19970603	KR	927564	A	19920504	199944
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CA	2271540	A1	19921205	CA	2066004	A	19920415	199952
				CA	2271540	A	19920415	
CA	2271541	A1	19921205	CA	2066004	A	19920415	199952
				CA	2271541	A	19920415	
CA	2271542	A1	19921205	CA	2066004	A	19920415	199952
				CA	2271542	A	19920415	
CA	2271543	A1	19921205	CA	2066004	A	19920415	199952
				CA	2271543	A	19920415	
JP	2986093	B2	19991206	JP	92135429	A	19920528	200003
				JP	96221486	A	19920528	
CN	1230747	A	19991006	CN	95101436	A	19920504	200006
				CN	98126570	A	19920504	
CA	2271540	C	19991130	CA	2066004	A	19920415	200016
				CA	2271540	A	19920415	
CA	2271541	C	19991130	CA	2066004	A	19920415	200016
				CA	2271541	A	19920415	
CA	2271542	C	19991130	CA	2066004	A	19920415	200016
				CA	2271542	A	19920415	
CA	2271543	C	19991130	CA	2066004	A	19920415	200016
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CN	1239280	A	19991222	CN	95101437	A	19920504	200018
				CN	99104883	A	19920504	
CN	1239281	A	19991222	CN	95101437	A	19920504	200018
				CN	99104884	A	19920504	
CN	1239282	A	19991222	CN	95101437	A	19920504	200018
				CN	99104885	A	19920504	
CA	2066004	C	20000208	CA	2066004	A	19920415	200027
KR	148627	B1	19981215	KR	927564	A	19920504	200034
				KR	9534779	A	19951010	
JP	2001134950	A	20010518	JP	96221589	A	19920528	200133
				JP	2000308796	A	19920528	

JP 2001143259	A	20010525	JP 96221991	A	19920528	200136
			JP 2000313089	A	19920528	
JP 2001143274	A	20010525	JP 96221980	A	19920528	200136
			JP 2000313065	A	19920528	
JP 2001143279	A	20010525	JP 96221968	A	19920528	200136
			JP 2000313042	A	19920528	
JP 2001143322	A	20010525	JP 96221935	A	19920528	200136
			JP 2000313021	A	19920528	
JP 2001176088	A	20010629	JP 96221568	A	19920528	200141
			JP 2000312122	A	19920528	
JP 3216793	B2	20011009	JP 92135429	A	19920528	200164
			JP 96221568	A	19920528	
JP 3216794	B2	20011009	JP 92135429	A	19920528	200164
			JP 96221935	A	19920528	
JP 3216795	B2	20011009	JP 92135429	A	19920528	200164
			JP 96221980	A	19920528	
JP 3221653	B2	20011022	JP 92135429	A	19920528	200169
			JP 96221589	A	19920528	
JP 3221654	B2	20011022	JP 92135429	A	19920528	200169
			JP 96221968	A	19920528	
JP 3221655	B2	20011022	JP 92135429	A	19920528	200169
			JP 96221991	A	19920528	
JP 2001273634	A	20011005	JP 96221980	A	19920528	200173
			JP 200165146	A	19920528	
JP 2001273651	A	20011005	JP 96221980	A	19920528	200173
			JP 200165058	A	19920528	
JP 3246595	B2	20020115	JP 92135429	A	19920528	200206
			JP 96221031	A	19920528	
CN 1053514	C	20000614	CN 95101436	A	19950120	200468

Priority Applications (No Type Date): US 91710226 A 19910604; US 91710227 A 19910604; US 91710228 A 19910604; US 9379483 A 19930618; US 94188613 A 19940126; US 9379473 A 19930618; US 95371309 A 19950110; US 95378690 A 19950126; US 95424854 A 19950419; US 95557351 A 19951116; US 95458578 A 19950531; US 96651288 A 19960522; US 95425015 A 19950418; US 96695178 A 19960801; US 97805377 A 19970224; US 984970 A 19980109

#### Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 517490	A2	E 26	G11B-007/24	

Designated States (Regional): DE FR GB IT NL

CA 2066004	A	G11B-007/24
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CN 1067521	A	G11B-007/00	patent EP 517490
			patent EP 521619

US 5255262	A	16	G11B-007/24
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EP 517490	A3		G11B-007/24
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US 5381401	A	26	G11B-007/24
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Div ex application US 91710226

Div ex patent US 5255262

Div ex application US 91710226

Div ex application US 9379483

Div ex patent US 5255262

US 5410530	A	24	G11B-007/00
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Div ex application US 91710226

Cont of application US 9379473

Div ex patent US 5255262

US 5446723	A	12	G11B-007/24
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Div ex application US 91710226

Cont of application US 9379473

Div ex patent US 5255262

US 5513170	A	23	G11B-007/24
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Div ex application US 91710226

Div ex application US 9379483

Div ex application US 94188613

Div ex patent US 5255262

US 5586107	A	23	G11B-007/24
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Div ex patent US 5381401

Div ex patent US 5410530

Div ex application US 91710226

Cont of application US 9379473

			Div ex application US 95371309
			Div ex application US 95424854
			Div ex patent US 5255262
			Div ex patent US 5446723
US 5598398	A	23 G11B-007/24	Div ex application US 91710226
			Cont of application US 9379473
			Div ex application US 95371309
			Div ex patent US 5255262
US 5606546	A	24 G11B-007/24	Div ex application US 91710226
			Div ex application US 9379483
			Div ex application US 94188613
			Div ex application US 95378690
			Cont of application US 95458578
			Div ex patent US 5255262
			Div ex patent US 5381401
			Div ex patent US 5410530
			Div ex patent US 5513170
US 5610901	A	24 G11B-007/24	Div ex application US 91710226
			Div ex application US 9379483
			Div ex application US 94188613
			Div ex application US 95378690
			Cont of application US 95425015
			Div ex patent US 5255262
			Div ex patent US 5381401
			Div ex patent US 5410530
			Div ex patent US 5513170
JP 9120552	A	17 G11B-007/09	Div ex application JP 92135429
JP 9120554	A	17 G11B-007/09	Div ex application JP 92135429
JP 9120555	A	16 G11B-007/09	Div ex application JP 92135429
JP 9120556	A	17 G11B-007/09	Div ex application JP 92135429
JP 9120580	A	18 G11B-007/24	Div ex application JP 92135429
JP 9120581	A	17 G11B-007/24	Div ex application JP 92135429
JP 9120582	A	17 G11B-007/24	Div ex application JP 92135429
JP 9147367	A	16 G11B-007/007	Div ex application JP 92135429
EP 517490	B1 E	27 G11B-007/24	Related to application EP 96203661
			Related to application EP 96203662
			Related to patent EP 773541
			Related to patent EP 773542
Designated States (Regional): DE FR GB IT NL			
CN 1114770	A	G11B-007/00	Div ex application CN 92103211
			patent EP 517490
			patent EP 521619
CN 1120717	A	G11B-007/135	Div ex application CN 92103211
CN 1120718	A	G11B-007/135	Div ex application CN 92103211
DE 69221776	E	G11B-007/24	Based on patent EP 517490
US 5745473	A	24 G11B-007/24	Div ex application US 91710226
			Div ex application US 9379483
			Div ex application US 94188613
			Div ex application US 95378690
			Cont of application US 95425015
			Cont of application US 96695178
			Div ex patent US 5255262
			Div ex patent US 5381401
			Div ex patent US 5410530
			Div ex patent US 5513170
			Cont of patent US 5610901
KR 9607253	B1	G11B-007/135	
US 5905700	A	G11B-007/095	Div ex application US 91710226
			Div ex application US 9379483
			Div ex application US 94188613
			Div ex application US 95378690

Cont of application US 95425015  
 Cont of application US 96695178  
 Cont of application US 97805377  
 Div ex patent US 5255262  
 Div ex patent US 5381401  
 Div ex patent US 5410530  
 Div ex patent US 5513170  
 Cont of patent US 5610901  
 Cont of patent US 5745473  
 KR 9616887 B1 G11B-007/24 Div ex application KR 927564  
 KR 9616888 B1 G11B-007/24 Div ex application KR 927564  
 KR 9616889 B1 G11B-007/24 Div ex application KR 927564  
 KR 9705987 B1 G11B-007/24 Div ex application KR 927564  
 KR 9707169 B1 G11B-007/135 Div ex application KR 927564  
 CN 1221179 A G11B-007/00 Div ex application CN 95101436  
     patent EP 517490  
     patent EP 521619  
 KR 9709051 B1 G11B-007/135 Div ex application KR 927564  
 CA 2271540 A1 E G11B-007/24 Div ex application CA 2066004  
 CA 2271541 A1 E G11B-007/12 Div ex application CA 2066004  
 CA 2271542 A1 E G11B-007/12 Div ex application CA 2066004  
 CA 2271543 A1 E G11B-007/00 Div ex application CA 2066004  
 JP 2986093 B2 16 G11B-007/09 Div ex application JP 92135429  
     Previous Publ. patent JP 9120554  
 CN 1230747 A G11B-007/24 Div ex application CN 95101436  
     patent EP 517490  
     patent EP 521619  
 CA 2271540 C E G11B-007/24 Div ex application CA 2066004  
 CA 2271541 C E G11B-007/12 Div ex application CA 2066004  
 CA 2271542 C E G11B-007/12 Div ex application CA 2066004  
 CA 2271543 C E G11B-007/00 Div ex application CA 2066004  
 CN 1239280 A G11B-007/00 Div ex application CN 95101437  
     patent EP 517490  
     patent EP 521619  
 CN 1239281 A G11B-007/00 Div ex application CN 95101437  
     patent EP 517490  
     patent EP 521619  
 CN 1239282 A G11B-007/00 Div ex application CN 95101437  
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     patent EP 521619  
 CA 2066004 C E G11B-007/24 Div ex application KR 927564  
 KR 148627 B1 G11B-007/16 Div ex application KR 927564  
 JP 2001134950 A 17 G11B-007/007 Div ex application JP 96221589  
 JP 2001143259 A 16 G11B-007/0037 Div ex application JP 96221991  
 JP 2001143274 A 16 G11B-007/007 Div ex application JP 96221980  
 JP 2001143279 A 17 G11B-007/09 Div ex application JP 96221968  
 JP 2001143322 A 18 G11B-007/24 Div ex application JP 96221935  
 JP 2001176088 A 16 G11B-007/085 Div ex application JP 96221568  
 JP 3216793 B2 16 G11B-007/09 Div ex application JP 92135429  
     Previous Publ. patent JP 9120555  
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     Previous Publ. patent JP 9120582  
 JP 3216795 B2 16 G11B-007/09 Div ex application JP 92135429  
     Previous Publ. patent JP 9120556  
 JP 3221653 B2 16 G11B-007/24 Div ex application JP 92135429  
     Previous Publ. patent JP 9120581  
 JP 3221654 B2 17 G11B-007/09 Div ex application JP 92135429  
     Previous Publ. patent JP 9120552  
 JP 3221655 B2 16 G11B-007/007 Div-ex-application JP 92135429  
     Previous Publ. patent JP 9147367  
 JP 2001273634 A 16 G11B-007/004 Div ex application JP 96221980

JP 2001273651 A 16 G11B-007/09 Div ex application JP 96221980  
JP 3246595 B2 17 G11B-007/24 Div ex application JP 92135429  
Previous Publ. patent JP 9120580

CN 1053514 C G11B-007/135

...Abstract (Basic): A series of rims (52,54,58,60,64,68,70,72) between the substrates **forms** annular spaces () between the substrates and the face plate (50). Light from a laser head...

...Abstract (Equivalent): supports a first one on the multiple data recording layers and an opposite surface that **forms** an outer face of the medium and from which laser radiation **enters** the medium...

...writable data recording layer overlying the first surface of the first light transmissive member for **receipt** of focused laser light transmitted through the first light transmissive member a second writable data recording layer overlying the light transmissive medium for **receipt** of focused laser light transmitted through the first light transmissive member and the light transmissive...storage system comprises a multiple data surface medium and optical head. The medium comprises a **number** of substrates separated by a light transmissive medium. Data surfaces are located on the substrate...

...An optical data storage medium comprises a first light transmissive member consisting of a nonmetallic **material** and having a noncoated first data surface. The first data surface has marks which are ADVANTAGE- Has ability to clearly **read** data recorded...

9/3,K/31 (Item 31 from file: 350)

DIALOG(R) File 350:Derwent WPIX  
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008662001 \*\*Image available\*\*

WPI Acc No: 1991-166028/199123

XRPX Acc No: N91-127300

Computerised inventory monitoring and verification appts. - comprises portable computers communicating with mainframe where dealer inventory information resides

Patent Assignee: ITT COMM FINANCE CORP (INTT ); INT TELEPHONE & TELEGRAPH CORP (INTT ); ITT CORP (INTT ); DEUTSCHE FINANCIAL SERVICES (DEUT-N)

Inventor: SCHMERER H P; WEIAND D D

Number of Countries: 008 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 430540	A	19910605	EP 90312616	A	19901120	199123 B
AU 9065762	A	19910523				199128
EP 430540	A3	19921125	EP 90312616	A	19901120	199343
US 5319544	A	19940607	US 89439250	A	19891120	199422
EP 430540	B1	19950315	EP 90312616	A	19901120	199515
DE 69017849	E	19950420	DE 617849	A	19901120	199521
			EP 90312616	A	19901120	
US 5644725	A	19970701	US 89439250	A	19891120	199732
			US 94187088	A	19940126	
			US 95576843	A	19951220	

Priority Applications (No Type Date): US 89439250 A 19891120; US 94187088 A 19940126; US 95576843 A 19951220

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
EP 430540	A			

Designated States (Regional): DE FR GB IT NL SE

US 5319544 A 35 G06F-015/00  
EP 430540 B1 E 52 G06F-017/60  
Designated States (Regional): DE FR GB IT NL SE  
DE 69017849 E G06F-017/60 Based on patent EP 430540  
US 5644725 A 36 G06F-017/60 Cont of application US 89439250  
Cont of application US 94187088  
Cont of patent US 5319544

...Abstract (Basic): inventory information is maintained. Software, residing on a disc (110) allows for input of dealer **codes** used to identify inventory information which is down loaded from the mainframe computer to the...

...Abstract (Equivalent): inventory information is maintained. Software, residing on a disc (110) allows for input of dealer **codes** used to identify inventory information which is downloaded from the mainframe computer to the portable...

...112), including data storage means into which data is written and from which data is **read**, said data storage means being capable of storing information regarding at least one dealer's...

...input means for communicating with said first processing means and operable by an operator to **enter** and/or retrieve information for writing into and/or **reading** from said data storage means; display means for displaying information that is **entered** and retrieved; second processing means (108), including data storage means (110) into which data is written and from which data is **read**, said data storage means storing information regarding a plurality of dealer's inventory; first communication...

...accepting dealer identification input through said input means, formatting said dealer identification input into a **form** understandable to said second processing means, and causing said first communication means (114) to transmit...

...inventory information corresponding to said dealer identification to said first processing means (112); dealer inventory **receipt** means, included in said software means, for verifying that said inventory information was transmitted to...

...112); software change means, included in said software means, for prompting for a software change **code** through said display means, accepting a change **code** input through said input means, formatting said change **code** input into a **form** understandable to said second processing means (108), and causing said first communication means (114) to transmit said formatted change **code** to said second processing means (108); software change reply means for locating software changes stored...

...with said second processing means (108), wherein said software changes correspond to said software change **code**, and causing said second communication means (118) to transmit said software changes corresponding to said change **code** to said first processing means (112); and software change **receipt** means, included in said software means, for storing said software changes on said data storage...

...Abstract (Equivalent): a disk which is accessible by the portable computer, allows for the input of dealer **codes** which are used to identify inventory information which is downloaded from the mainframe computer to...

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...a final inventory report can be printed which includes the present

status of all inventory **items** and any and all charges collected...

9/3,K/32 (Item 32 from file: 350)

DIALOG(R)File 350:Derwent WPIX  
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008630851 \*\*Image available\*\*

WPI Acc No: 1991-134881/199119

Related WPI Acc No: 1992-426029

XRPX Acc No: N91-103631

**Electronic funds transfer via facsimile machine - transmits voucher with random character string for security and machine readable data with computer generated facsimile reply**

Patent Assignee: MONEYFAX INC (MONE-N)

Inventor: BENTON W M; MEE W

Number of Countries: 015 Number of Patents: 004

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
EP 426507	A	19910508	EP 90402541	A	19900914	199119 B
JP 3154162	A	19910702	JP 90290627	A	19901026	199132
US 5122950	A	19920616	US 89430449	A	19891102	199227
EP 426507	A3	19940105	EP 90402541	A	19900914	199516

Priority Applications (No Type Date): US 89430449 A 19891102

Patent Details:

Patent No Kind Lan Pg Main IPC Filing Notes

EP 426507 A

Designated States (Regional): AT BE CH DE ES FR GB GR IT LI LU NL SE  
US 5122950 A 20 G06F-015/20

**... transmits voucher with random character string for security and machine readable data with computer generated facsimile reply**

...Abstract (Basic): In an electronics funds transfer system, **vouchers** are provided which contain a series of pseudo random alphanumeric characters unique to each **voucher** and positions for money values to be **entered** in machine **readable form**. The **voucher** is transmitted (32) by facsimile to a central computer (34) which verifies the one time use security string through a character **reader** (35...)

...account and a second set of pseudo random characters is used to provide a security **code** for the credit **voucher** returned by facsimile...

...USE/ADVANTAGE - Provides a high security means of funds transfer which does not require special **equipment** or additional effort by the system users. (22pp Dwg.No.1/6)

...Abstract (Equivalent): Account customised transaction **vouchers** are completed by at least one party to a transaction. The transaction **vouchers** issued to that party contain a series of pseudo random alphanumeric characters with a different set of characters on each **voucher**. The party transmits by facsimile an image of the completed **voucher** to a facsimile machine at a central facility...

...A character **reader** at the central facility **reads** the incoming data and authorises the requested transaction based on the pseudo random alphanumeric set of characters on the **voucher** when confirmed by a comparison to a list of pseudo random alphanumeric sets of characters

...

...deleted from the list in the account data to permit one-time usage of a **voucher**. A credit **voucher** is sent from the central facility to a facsimile machine at the site of the...  
...Title Terms: **VOUCHER** ;

9/3,K/33 (Item 33 from file: 350)  
DIALOG(R) File 350:Derwent WPIX  
(c) 2004 Thomson Derwent. All rts. reserv.

008518284 \*\*Image available\*\*  
WPI Acc No: 1991-022368/199103  
XRPX Acc No: N91-017160

**Supermarket trolley with integral goods checking - includes high frequency transmitter interrogating micro-circuit labels on merchandise**

Patent Assignee: PERRIN H (PERR-I); RAIMBAULT P (RAIM-I); HENRI P (HENR-I)

Inventor: PERRIN H; RAIMBAULT P; HENRI P

Number of Countries: 016 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
WO 9016051	A	19901227				199103 B
FR 2648593	A	19901221				199107
EP 476026	A	19920325	EP 90909459	A	19900614	199213
EP 476026	B1	19940720	EP 90909459	A	19900614	199428
			WO 90FR423	A	19900614	
DE 69010905	E	19940825	DE 610905	A	19900614	199433
			EP 90909459	A	19900614	
			WO 90FR423	A	19900614	
ES 2060178	T3	19941116	EP 90909459	A	19900614	199501
US 5426423	A	19950620	WO 90FR423	A	19900614	199530
			US 92828954	A	19920207	
			US 94180191	A	19940111	
CA 2058947	C	20010410	CA 2058947	A	19900614	200124
			WO 90FR423	A	19900614	

Priority Applications (No Type Date): FR 897888 A 19890614

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
WO 9016051	A			
			Designated States (National): CA JP US	
			Designated States (Regional): AT BE CH DE DK ES FR GB IT LU NL SE	
EP 476026	A	25		
			Designated States (Regional): AT BE CH DE ES GB IT LI NL	
EP 476026	B1 F	10 G07G-001/00	Based on patent WO 9016051	
			Designated States (Regional): AT BE CH DE ES GB IT LI NL	
DE 69010905	E	G07G-001/00	Based on patent EP 476026	
			Based on patent WO 9016051	
ES 2060178	T3	G07G-001/00	Based on patent EP 476026	
US 5426423	A	8 H04Q-009/00	Cont of application US 92828954	
			Based on patent WO 9016051	
CA 2058947	C F	G07G-001/00	Based on patent WO 9016051	
			Supermarket trolley with integral goods checking...	

...includes high frequency transmitter interrogating micro-circuit labels on merchandise

...Abstract (Basic): The technique for recording items purchased includes provision of a microcircuit (24) on each of the items to be sold. The microcircuits include a high frequency energy collecting loop which is

able...

...The message **forms** a signature for the **item**, identifying it. Once the message has been transmitted, the circuit is disabled. The results of the transmissions are recorded and memorised within **equipment** carried on the shopper's trolley...

...ADVANTAGE - Saves time at supermarket checkout by automatic pre-checking of **goods** in trolley. (25pp Dwg.No.1/4)

...Abstract (Equivalent): Method for **entering** into account and checking out articles, comprising the steps of circulating each article (20), which carries a microcircuit (24), through a **read**-out and counter device (52) which determines the price of each article (20); electronically storing...

...article (20); automatically adding the price of the article to the price of articles possibly **entered** into account earlier; providing each microcircuit (24) with means for collecting high frequency energy (26

...Abstract (Equivalent): The method for **entering** into account and checking articles picked up by a customer, involves providing each of the...

...carried by the receptacle and programmed for indicating a price of each the article upon **receipt** of the signature of it. The price is electronically stored, displayed and added to an...

...ADVANTAGE - Allows reduction in waiting time at check-out of self-service supermarket...

...Title Terms: **GOODS** ;

9/3,K/34 (Item 34 from file: 350)

DIALOG(R) File 350:Derwent WPIX  
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007023248

WPI Acc No: 1987-023245/198704

General-purpose business management system - displaying single general format so that redundant items in several types of management can be successively inputted

Patent Assignee: MORIYAMA T (MORI-I); SOHEI Y (SOHE-I); KANIE PUROPAN INC (KANI-N)

Inventor: MORIYAMA T

Number of Countries: 005 Number of Patents: 006

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
EP 209907	A	19870128	EP 86110223	A	19860724	198704	B
US 4851999	A	19890725	US 86888399	A	19860723	198937	
KR 9005286	B	19900727				199133	
EP 209907	B1	19960515	EP 86110223	A	19860724	199624	
DE 3650522	G	19960620	DE 3650522	A	19860724	199630	
			EP 86110223	A	19860724		
US 4851999	C1	20021217	US 86888399	A	19860723	200307	

Priority Applications (No Type Date): JP 85162033 A 19850724

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
EP 209907	A	E	26		

Designated States (Regional):	DE	FR	GB
US 4851999	A	25	

EP 209907 B1 E 29 G06F-017/60

Designated States (Regional): DE FR GB

DE 3650522 G G06F-017/60 Based on patent EP 209907

US 4851999 C1 G06F-017/60

... displaying single general format so that redundant items in several types of management can be successively inputted

...Abstract (Basic): The management involves the use of a transfer slip which includes a datasection and on accounts section with data relating to a debits item , debit amount, credit item and credit amount. A docket section has itemisationdata for clarifying various types of expenses and...

...system also includes displaying a simple general format on a display unit so that redundant items in several types of management may be inputted successivly. A first file stores data relating to each of the inputted items in accordance with the display. A set of second filesstores data necessary for each type...

...Abstract (Equivalent): 5) and a digital processing unit (1) wherein said display unit (4) displays, in the form of an image on the screen of the display unit (4), a single transfer slip (Fig.2) having a format commonly used for at least financial and inventory management in order that data relating to at least a debit item , a credit item and a commodity code may be input successively, said memory unit (2) includes: a journalised daybook file having a plurality of storage ares for storing data entered with use of said transfer slip format for each transfer slip , an item master file for storing data necessary for financial management processing with respect to a plurality of debit and credit items , each said data being processed with respect to each successive input of transfer slip data corresponding to one item code , a commodity master file for storing data necessary for inventory management processing with respect to a plurality of commodity codes , each said data being processed with respect to each successive input of transfer slip data corresponding to one commodity code , a journalised daybook accumulation file for storing data relating to the financial management among the data in said journalised daybook file for each transfer slip , and an inventory file for storing data relating to the inventory management among the data in said journalised daybook file for each transfer slip , and said digital processing unit (1) comprises: first processing means for causing said display unit (4) to display said transfer slip and for automatically displaying data entered through said input unit (3) in accordance with said transfer slip and storing said data into said journalised daybook file in the memory unit (2), second processing means for automatically updating data corresponding to each item code in said item master file and data corresponding to each commodity code in said commodity master file dependent or transfer slip data entered through said input unit (3), third processing means for transferring data necessary for financial management...

...and for relating the transferred data stored in said journalised daybook accumulation file with the item codes in said item master file, fourth processing means for transferring data necessary for inventory management processing stored in...

...store therein and for relating the transferred data stored in said inventory file with the commodity codes in said commodity master file, and fifth processing means for reading , in response to an

output command **entered** through said input unit (3), data necessary for a specific type of management from at least one of said journalised daybook file, **item** master file, **commodity** master file, journalised daybook accumulation file and inventory file to output them through said output...

...Abstract (Equivalent): general-purpose management system displays a single general format on a display unit so that **items** redundant in several types of management to be performed independently, as well as **items** peculiar to each type of management, can be inputted successively. The system includes a file for collectively storing data relating to each of the **items** inputted in accordance with the display, a set of second files for storing data necessary...

...Title Terms: **ITEM** ;

9/3,K/35 (Item 35 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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003780791  
WPI.Acc No: 1983-777017/198339  
XRPX Acc No: N83-178307

Document processing system for bank cheques etc. - uses source item control number to identify document at all subsequent processing points

Patent Assignee: RECOGNITION EQUIPMENT INC (RECO-N)

Inventor: NUNLEY L J; REID W J; SIMPSON W D

Number of Countries: 001 Number of Patents: 002

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4404649	A	19830913			198339	B
US 4404649	B1	19940208	US 80202970	A	19801103	199407

Priority Applications (No Type Date): US 80202970 A 19801103

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
US 4404649	A	11			
US 4404649	B1	2		G06F-015/30	

Document processing system for bank cheques etc...  
...uses source item control number to identify document at all subsequent processing points

...Abstract (Basic): The teller places the check in a teller terminal which includes a **reader** /printer transport and causes to be encoded on it the amt. of the check and the unique **number** identified as a Source **Item Control Number** (SICN). This SICN specifically and uniquely identifies the **document** at all subsequent processing points within the system. The **item** information thus applied to the check and also information **read** from the check would be recorded within the data processing (accounting) system of the bank. It is the data which is required for **book** -keeping operations and for later processing of the check throughout the system. Subsequently, as the **document** is processed through a **document** processing system, the SICN is **read** from each **document** and a call is issued to obtain either the original record or information derived from...

---

...original record by the accounting system. The record or information is then utilised by the **document** transport system to perform one or more operations. (Previously notified in Week 83/39...)

...Abstract (Equivalent): The system provides a capability for automatically processing **documents** such as bank checks, deposit **slips**, loan payments, etc, from all points within a banking organisation, with exception of the point of **receipt**, based on the utilisation of a Source **Item** control **Number** (SICN). The latter uniquely identifies a **document** at all subsequent processing points...

...Processing at the source point of **receipt** is semiautomatic in that the first person to handle the **document** within the organisation is generally required to key or otherwise manually **enter** certain data to the **document**.

...

...USE/ADVANTAGE As bank **documents** processing system. Provision for accessing from any point of banking organisation

Title Terms: **DOCUMENT** ;

9/3,K/36 (Item 36 from file: 350)

DIALOG(R) File 350:Derwent WPIX

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003388073

WPI Acc No: 1982-P6109E/198245

General purpose bank transaction unit - has keyboard and entry point for documents, **cheques and money**

Patent Assignee: OMRON TATEISI ELECTRONICS CO (OMRO )

Inventor: HAGIWARA I

Number of Countries: 004 Number of Patents: 008

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week	
DE 3214078	A	19821104	DE 3214078	A	19820416	198245	B
GB 2109974	A	19830608	GB 8420497	A	19840813	198323	
GB 2142458	A	19850116	GB 8211057	A	19820416	198503	
GB 2109974	B	19850821				198534	
GB 2142458	B	19850911				198537	
US 4541057	A	19850910	US 82368815	A	19820415	198539	
KR 8600542	B	19860508				198646	
DE 3214078	C	19871223				198751	

Priority Applications (No Type Date): JP 8158310 A 19810416; JP 8158309 A 19810416

Patent Details:

Patent No	Kind	Lan	Pg	Main IPC	Filing Notes
DE 3214078	A		67		

... has keyboard and entry point for documents, **cheques and money**

...Abstract (Basic): a keyboard (4) for data entry and a switchable display, e.g. CRT (3). A number of access slots are available for the entry and **receipt** of **documents** or banknotes. One slot is used for the entry of bankbooks (5), **document** entry(6), cheque entry and return (7.8) money entry (11) and return(13...)

...Conveyor feed units with the housing are used to transfer **documents** and notes to different magazines, passing over checking and **reading** stations on route. The complete unit is controlled by a microprocessor with operating system programme...

...Abstract (Equivalent): a specified amount of cash to the outlet upon counting up the amount, means for **entering** amounts of money for

depositing and withdrawing transactions, a key for setting a combined transaction **service**, a display for showing transaction information, payment balance memory means for storing the amount of money to be paid for each transaction of the combined transaction **service**, calculation means for calculating a payment balance when the system is set for the combined transaction **service** by adding to the memory means the amount of money accepted by the cash receiving...

...the cash dispenser from dispensing cash when the system is set for the combined transaction **service** and causing the dispenser to release cash in the sum of the payment balance when the combined transaction **service** is cancelled...

...inlet, means for storing the amount of cash accepted by the cash inlet, keys for **entering** the value of the transaction, means for storing the keyed-in value of the transaction...

...Abstract (Equivalent): specified amount of cash to the outlet upon counting up the amount. Keys are for **entering** amounts of money for depositing and withdrawing transactions with a key for setting a combined transaction **service**. A display shows transaction information, and a payment balance register stores the amount of money to be paid for each transaction of the combined transaction **service**.

...

...When the system is set for the **service**, the amount of money accepted by the cash receiving unit and the amount of money...

...money to be deposited for each transaction is subtracted from the register. When the combined **service** is set, the unit is prevented from dispensing cash and when the **service** is canceled, cash in the sum of the payment balance is dispensed from the dispenser

...Title Terms: **ENTER** ;

9/3,K/37 (Item 37 from file: 350)

DIALOG(R) File 350:Derwent WPIX  
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003087816

WPI Acc No: 1981-J7861D/198138

**Self-service betting system - uses ticket bearing transaction identification code and having form upon which proposed bet may be inserted**

Patent Assignee: GEN INSTR CORP (GENN )

Inventor: LANGE L J

Number of Countries: 004 Number of Patents: 005

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
GB 2071369	A	19810916	GB 8033785	A	19801020	198138 B
ZA 8006494	A	19810827				198151
US 4322612	A	19820330				198215
CA 1144649	A	19830412				198318
GB 2071369	B	19840314				198411

Priority Applications (No Type Date): US 7987026 A 19791022

Patent Details:

Patent No	Kind	Lan Pg	Main IPC	Filing Notes
GB 2071369	A	34		

**Self-service betting system...**

...uses ticket bearing transaction identification code and having form upon which proposed bet may be inserted

...Abstract (Basic): A single cash deposit may be used for multiple race/multiple day wagering. As a receipt for the deposit, a ticket, having a form upon which a proposed wager may be entered, is issued with a system-generated transaction identification code. The code corresponds to a memory location in which information concerning credit balance and any outstanding wager...

...To place a bet, the ticket form is filled in with proposed wager information. The ticket is then inserted into a terminal and read. The memory location corresponding to the code is accessed and any outstanding wager information is compared to the race results. If same  
...

...deducted to update the credit balance, the previous transaction is closed out, and a new code corresponding to the new transaction is assigned. The system enables outstanding wagers to be paid, completed transactions closed out, proposed wagers accepted and recorded, credit balances updated and a receipt for same issued, all in a single confidential automatic operation.

...Title Terms: SERVICE ;

9/3,K/38 (Item 38 from file: 350)

DIALOG(R) File 350:Derwent WPIX  
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003016855

WPI Acc No: 1981-B6866D/198108

Credit card automated system for vehicle service stations - has manually operable fuel dispenser with credit card reader , attendant-operable keyboard and receipt printer

Patent Assignee: ATLANTIC RICHFIELD CO (ATLF )

Inventor: MOORE R A; ROACH T L; SEGAL J S; WOSTL W J

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
ZA 7906585	A	19800929				198108 B

Priority Applications (No Type Date): ZA 796585 A 19791204

Credit card automated system for vehicle service stations...

...has manually operable fuel dispenser with credit card reader , attendant-operable keyboard and receipt printer

...Abstract (Basic): The terminal appts. monitors at least one, and preferably, a number of, fuel dispensers for selective retrieval of fuel sales information to be automatically combined with miscellaneous sales information in the form of a printed receipt , by a simple command from the attendant. A credit card reader obtains credit card information for performing an analysis of the credit status of the card  
...

...A keyboard provides a device for the attendant to enter miscellaneous sales information and to command a performance of selected functions. A receipt printer prints a credit card receipt whenever the customer's credit status is positive, sales information has occurred

and the attendant has requested the **receipt** printout.  
...Title Terms: **SERVICE** ;

9/3,K/39 (Item 39 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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001707762

WPI Acc No: 1977-E4249Y/197721

**Self service postal appts9 - prints machine readable address label with postage amount for automatic sorting on receipt of cash payment**

Patent Assignee: GUNN D M (GUNN-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
US 4024380	A	19770517				197721 B

Priority Applications (No Type Date): US 75595646 A 19750714; US 71107421 A 19710118

**Self service postal appts9...**

**...prints machine readable address label with postage amount for automatic sorting on receipt of cash payment**

**...Abstract (Basic):** The self **service** postal appts. prints information on a parcel enabling it to be automatically sorted. On **entering** or dialing the postal **code** of the addressee a display of the geographic location assures the user that the postal **code number** is accurate and it may, if desired, activate a computer to compute the postage due

...

**...After the customer pays the computed postage, the postage with the postal code of addressee may be printed on the package or label . This is in a machine readable form which may be used for automatic mail sorting.**

...Title Terms: **SERVICE** ;

9/3,K/40 (Item 40 from file: 350)  
DIALOG(R)File 350:Derwent WPIX  
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001257972

WPI Acc No: 1975-E1787W/197516

**Preparation and evaluation of receipts legible to computer - with encoding of serial number and amount involves key item of data**

Patent Assignee: GRETAG AG (GRETAG )

Number of Countries: 006 Number of Patents: 007

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
DE 2350418	A	19750410				197516 B
FR 2246913	A	19750606				197528
US 3990558	A	19761109				197647
CH 585439	A	19770228				197716
GB 1484042	A	19770824				197734
CA 1060995	A	19790821				197936
DE 2350418	C	19870813				198732

Priority Applications (No Type Date): DE 2350418 A 19731008

Preparation and evaluation of receipts legible to computer...

...with encoding of serial number and amount involves key item of data

...Abstract (Basic): A specific serial number, different for every receipt, is assigned to the receipt and the serial number and amount of the receipt are encoded with a key item of data by a logic connection. The result of the encoding or the code number, together with the amount and serial number, is entered on the receipt in a form legible to a computer. For decoding purposes, the code number, amount and serial number are read by computer and the amount and serial number are encoded again in exactly the same way. The code number obtained as a result is compared to the original code number and if they coincide the receipt is deemed to be genuine.

...Title Terms: RECEIPT ;

9/3,K/41 (Item 41 from file: 347)  
DIALOG(R) File 347:JAPIO  
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07847078 \*\*Image available\*\*  
ENVELOPE FOR HOME DELIVERY SERVICE

PUB. NO.: 2003-341686 [JP 2003341686 A]  
PUBLISHED: December 03, 2003 (20031203)  
INVENTOR(s): KAMEYAMA AKIRA  
SHIGEMI KAZUTOMI  
APPLICANT(s): TOPPAN FORMS CO LTD  
APPL. NO.: 2002-147291 [JP 2002147291]  
FILED: May 22, 2002 (20020522)

ENVELOPE FOR HOME DELIVERY SERVICE

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide an envelope for home delivery service, of which the handling is easy, and of which the delivery management is possible as well.

SOLUTION: This envelope 1 for home delivery service is constituted in such a manner that three peripheral edges of an envelope upper paper 2 and an envelope lower paper are sealed, and one edge is separably bonded to form an enclosing-sealing part to form an envelope 6. On the front exposed surface of the envelope 6, a pasting form 7, a delivery form 8 which works as a receipt form as well, and a customer's copy form 9 are provided in such a manner that the forms are not superposed, and the delivery form 8 and the customer's copy form 9 are be separable. In this case, the pasting form 7 has an addressee entering column 18 in which addressee information is entered, and an addresser entering column 19 in which addresser information is entered. Then, on respective front exposed surfaces of the pasting form 7, the delivery form 8 and the customer's copy form 9, bar code displays 20, 24 and 25 by which delivery information can be mechanically read are applied.

9/3,K/42 (Item 42 from file: 347)  
DIALOG(R) File 347:JAPIO  
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07647373 \*\*Image available\*\*  
STOCKTAKING SYSTEM OF INVENTORY ITEM

PUB. NO.: 2003-141227 [JP 2003141227 A]  
PUBLISHED: May 16, 2003 (20030516)  
INVENTOR(s): OKATOME YOSHIAKI  
APPLICANT(s): D T P KK  
APPL. NO.: 2001-342409 [JP 2001342409]  
FILED: November 07, 2001 (20011107)

STOCKTAKING SYSTEM OF INVENTORY ITEM

ABSTRACT

... a stocktaking work by applying functions of an electronic computer to the stocktaking of inventory items at a business place of an enterprise

SOLUTION: Various stages for issuing stocktaking seals having serial numbers , item data and bar code display based on inventory data of the items , for sticking the issued stocktaking seals to each of the inventory items , detecting the excess stocktaking seals without being stuck to the items and for reading bar codes for the detected stocktaking seals are performed in the case of the stocktaking work and an stocktaking document including stocktaking slips , stocktaking details and the total of stocktaking amount is outputted by an arithmetic processing of the electronic computer based on reading results of the bar codes of the excess stocktaking seals.

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9/3,K/43 (Item 43 from file: 347)  
DIALOG(R) File 347:JAPIO  
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07512605 \*\*Image available\*\*  
METHOD AND SYSTEM FOR MANAGING SEAL IMPRESSION SLIP , AND PROGRAM FOR SEAL IMPRESSION MANAGING METHOD

PUB. NO.: 2003-006428 [JP 2003006428 A]  
PUBLISHED: January 10, 2003 (20030110)  
INVENTOR(s): SATO OSAMU  
KUGISAKI GORO  
OKAYAMA TATSURO  
APPLICANT(s): OKI ELECTRIC IND CO LTD  
KAGOSHIMA BANK LTD  
APPL. NO.: 2001-193953 [JP 2001193953]  
FILED: June 27, 2001 (20010627)

METHOD AND SYSTEM FOR MANAGING SEAL IMPRESSION SLIP , AND PROGRAM FOR SEAL IMPRESSION MANAGING METHOD

ABSTRACT

PROBLEM TO BE SOLVED: To obtain a seal impression slip managing method.

etc., which makes it easy to register and manage a seal impression **slip** without any hindrance to operations.

SOLUTION: This system is equipped with an MICR **reader** 10 which generates image data of an image of a part including a seal impression given to at least a seal impression **slip**, prints a serial **number** in MICR characters for specifying the seal impression **slip** on the seal impression **slip** and generates data on the serial **number**, sorts seal splits, and generates data on a storage location based upon the classification, a storage device 22 which stores the data, and a **registration** and comparison device 21 which stores the image data, the data on the serial **number**, the data on the storage location, and further data on an **item** regarding an account **entered** into the seal impression **slip** in a storage means and manages the data.

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9/3,K/44 (Item 44 from file: 347)  
DIALOG(R) File 347:JAPIO  
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07281594 \*\*Image available\*\*  
**COMMODITY ORDER RECEIVING PROCESSING SYSTEM AND PAYMENT SETTLEMENT SYSTEM ACCOMPANYING THE SAME**

PUB. NO.: 2002-150060 [JP 2002150060 A]  
PUBLISHED: May 24, 2002 (20020524)  
INVENTOR(s): NISHIYAMA HIDEKAZU  
WADA TOMOTAKE  
MIMURA KENICHIRO  
KOJIMA HIROYUKI  
HIROSE ATSUSHI  
MATSUSHIMA YASUKO  
APPLICANT(s): TOPPAN FORMS CO LTD  
APPL. NO.: 2000-343009 [JP 2000343009]  
FILED: November 10, 2000 (20001110)

**COMMODITY ORDER RECEIVING PROCESSING SYSTEM AND PAYMENT SETTLEMENT SYSTEM ACCOMPANYING THE SAME**

#### ABSTRACT

PROBLEM TO BE SOLVED: To provide a **commodity** order receiving and ordering system to receive and order for a **commodity** and to order the **commodity** to be handled by a specified **number** of **enterprises** by using a computer network and a payment settlement system which are capable of increasing the efficiency of order receiving processing and invoicing processing in electronic commerce between the **enterprises**, simplifying them, and simplifying the procedure of payment.

SOLUTION: These systems are constituted to temporarily store **commodity** order data from a specified customer terminal 13 connected to the computer network 12 in an order storage means 23 by an order treatment means 22, to form an order file for each of the **enterprises** by carrying out order processing to make the order data for every **enterprise**, to form invoicing for every **enterprise** for the ordered **commodity** for every customer as one of electronic **invoice** files by reading the order data in which an **invoice issuing means** 24 is stored and to transmit it to the customer terminal 13 from...

9/3,K/45 (Item 45 from file: 347)  
DIALOG(R) File 347:JAPIO  
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06602859 \*\*Image available\*\*  
IMAGE PROCESSING UNIT

PUB. NO.: 2000-188656 [JP 2000188656 A]  
PUBLISHED: July 04, 2000 (20000704)  
INVENTOR(s): KUWATA KOJI  
APPLICANT(s): RICOH CO LTD  
APPL. NO.: 10-376134 [JP 98376134]  
FILED: December 21, 1998 (19981221)

ABSTRACT

... BE SOLVED: To provide an image processing unit that can transmit a facsimile transmission guide **slip** on which a destination and a subject entry or the like are properly described with...

... for handwriting to an opposite party and can generate an original on which a fixed **form** sentence is substantially described, without describing this sentence onto the original and transmit the generated original to the opposite party.

SOLUTION: A color **scanner** 13 reads a **bar code** described on a transmission original, a message corresponding to a stored **bar code** is **read** from a hard disk 5, contents displayed on a display device 11 are confirmed, and...

... selected message can be corrected through the operation of the keyboard 12. Selected destination, selected **item** name, selected subject entry and selected routine **form** are transmitted to an opposite party, together with a described original. In the case of registering a message text, a user setting mode is selected, the message text is **entered** by operating the keyboard 12 and utilizing word processor functions of the image processing unit or the like and stored in the hard disk 5, together with a corresponding **bar code number**.

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9/3,K/46 (Item 46 from file: 347)  
DIALOG(R) File 347:JAPIO  
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06168947 \*\*Image available\*\*  
**SLIP FOR ISSUING ID CARD**

PUB. NO.: 11-110494 [JP 11110494 A]  
PUBLISHED: April 23, 1999 (19990423)  
INVENTOR(s): SAKUMA JUNSUKE  
APPLICANT(s): TOPPAN FORMS CO LTD  
APPL. NO.: 09-284455 [JP 97284455]  
FILED: September 30, 1997 (19970930)

**SLIP FOR ISSUING ID CARD**

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ABSTRACT

PROBLEM TO BE SOLVED: To provide a **slip** for issuing ID card without generating any miss in the **code registration** of the ID card, and to prevent a password from being unintentionally leaked to a third person.

SOLUTION: In the **slip** for issuing an ID card, a card supporting sheet 3 is separated from an ID card **registration** sheet 4, a prescribed **item entered** in the ID card **registration** sheet 4 is inputted by a proper inputting means, an electronic **reading code** added to the ID card **registration** sheet 4 is **read** by a proper electronic **reading** means and inputted, and this **code** is registered together with other inputted data. A password 7 is preliminarily added to an...

9/3,K/47 (Item 47 from file: 347)

DIALOG(R)File 347:JAPIO

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05988153 \*\*Image available\*\*

MULTIFUNCTION COPYING MACHINE

PUB. NO.: 10-271253 [JP 10271253 A]

PUBLISHED: October 09, 1998 (19981009)

INVENTOR(s): ITO JINICHI

APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 09-090047 [JP 9790047]

FILED: March 24, 1997 (19970324)

...JAPIO KEYWORD: OCR & OMR Optical Readers )

#### ABSTRACT

PROBLEM TO BE SOLVED: To automatically prints the **number** of which is equal to the **number** of persons **entered** in an **invoice**.

...

... facsimile reception is temporarily stored in a large-capacity storage device, and a delivery destination **item** is recognized from a fixed-**form invoice** attached to the head by an **OCR**, and print results the **number** of which corresponds to the **number** of registered delivery destinations are obtained. When FAX data passing an external interface is received, it is discriminated whether this data is a designated **invoice** or not; and if it is a designated **invoice**, its picture image is outputted to the large- capacity storage device. Thereafter, the **number** of prints for persons including a main addressed person is obtained by the **OCR** function to make the designated **number** of prints.

9/3,K/48 (Item 48 from file: 347)

DIALOG(R)File 347:JAPIO

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05817459 \*\*Image available\*\*

STICKING CUT FORM

PUB. NO.: 10-100559 [JP 10100559 A]

PUBLISHED: April 21, 1998 (19980421)

INVENTOR(s): KOMODA-NOBUYUKI

APPLICANT(s): TOPPAN MOORE CO LTD [368145] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 08-278919 [JP 96278919]  
FILED: September 30, 1996 (19960930)

STICKING CUT FORM  
JAPIO CLASS: 30.1 (MISCELLANEOUS GOODS --  
...JAPIO KEYWORD: OCR & OMR Optical Readers )

ABSTRACT

PROBLEM TO BE SOLVED: To obtain a cut **form** necessary for delivery of a **commodity** to be formed only at an order acceptor by providing a cut **form** part and a sticking part in parallel via a cutout part, and providing delivery relevance information **fill - in** part for describing machine **reading codes** for sorting delivery destinations and **commodity** information and delivery relevance information on a 1 surface of the sticking part...

...SOLUTION: To use the sticking cut **form** 1, a delivery trader prints **fill - in** columns 7, 8 of a delivery statement 3 and a **receipt** 4, **bar code** displays 10, 11 of a sticking **label** 5, a delivery trader use column 12, a delivery destination name 13, a delivery destination **code** 14, a delivery trader **code** 15, an appointed date of delivery, a delivery trader name 17 and a delivery destination use column 18 to **form** the **form** 1. Then, release sheet 20 is released, the **form** 1 is stuck on a packaging container with exposed adhesive 19. Then, an orderer's **receipt seal** is imprinted on a **receipt seal** imprinting column 9, cutting sew lines 2, 6 are cut, and the **receipt** 4 is brought back. Meanwhile, in a distribution center, the display 10 is **read**, a **commodity** is distributed to a branch store displayed as the name 13 to complete the operation.

9/3,K/49 (Item 49 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05760593 \*\*Image available\*\*  
DELIVERY CONTROL SYSTEM

PUB. NO.: 10-043693 [JP 10043693 A]  
PUBLISHED: February 17, 1998 (19980217)  
INVENTOR(s): KAWASHIMA SHUNICHI  
APPLICANT(s): TOPPAN MOORE CO LTD [368145] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 08-219181 [JP 96219181]  
FILED: July 31, 1996 (19960731)

...JAPIO CLASS: Business Machines); 30.1 (MISCELLANEOUS GOODS --  
...JAPIO KEYWORD: OCR & OMR Optical Readers )

ABSTRACT

...SOLUTION: A system consists of a **bar code** signal storage process in which the delivery controlling **bar code** 28 of a delivery **slip** is **read** and registered in the storage part of an acceptance terminal; a delivery acceptance and information **registration** process in which input delivery controlling **bar code** information is transferred to a host computer 80, and delivery acceptance is registered with date data, a delivery completion information storage process in which the same delivery controlling **bar code** is attached at a destination, an **image** in which a **receipt seal**, a **signature**, etc., are attached to a **receipt slip** in which destination information including the source of a sender in a delivery matter and a consignee is **entered** is **read** and registered in

the storage part of a delivery terminal which is mounted on a delivery vehicle, and a delivery completion information registration process in which the delivery completion information stored in the terminal is transferred to the...

9/3,K/50 (Item 50 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05740140 \*\*Image available\*\*  
FACSIMILE EQUIPMENT

PUB. NO.: 10-023240 [JP 10023240 A]  
PUBLISHED: January 23, 1998 (19980123)  
INVENTOR(s): NISHIMURA ISAO  
APPLICANT(s): RICOH CO LTD [000674] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 08-187037 [JP 96187037]  
FILED: June 28, 1996 (19960628)

FACSIMILE EQUIPMENT  
...JAPIO KEYWORD: OCR & OMR Optical Readers )

#### ABSTRACT

...SOLUTION: A caller side sends a caller telephone number, a document file number and image information as a document file desiring a return only when a called party has a return function. Then a document file number and a destination telephone number are stored in a RAM 102 as a replay request. On the other hand, the called party recognizes the document to be a document desiring returning of a receipt and stores the caller telephone number and the document file number to a RAM 103. When a recipient of the called party receives the document, a content denoting that the caller desired return of a receipt is printed out on recording paper, together with the image information by a plotter 108. The recipient sets a return mode and conducts returning of the receipt by entering the recorded telephone number and document file number .

9/3,K/51 (Item 51 from file: 347)  
DIALOG(R)File 347:JAPIO  
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05413107 \*\*Image available\*\*  
IMAGE PROCESSING UNIT AND ITS METHOD

PUB. NO.: 09-027907 [JP 9027907 A]  
PUBLISHED: January 28, 1997 (19970128)  
INVENTOR(s): FUNADA MASAHIRO  
MATSUKUBO TAKESHI  
YAMAKAWA JUNICHI  
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 07-177715 [JP 95177715]  
FILED: July 13, 1995 (19950713)

JAPIO KEYWORD:R002 (LASERS); R098 (ELECTRONIC MATERIALS)

#### ABSTRACT

...TO BE SOLVED: To provide an output of an image at a high speed by reading an image signal and a characteristic signal so as to compensate the deterioration in the...

... in the case of emphasizing resolution because no adaptive processing is applied to the image entered from an external device and the gradation and the resolution on an entire output image...

...SOLUTION: Upon receipt of an image signal from a host computer 101, a character/line drawing section 111 reads the image signal from an image memory 109 and generates a discrimination signal TEXT denoting whether or not a picture element forms a character/line drawing and stores the signal to the image memory 109. A PWM circuit 113 reads the image signal and its discrimination signal TEXT from the image memory 109 to revise PWM number of the image signal, based on the discrimination signal TEXT. Thus, a monochromatic signal is...

9/3,K/52 (Item 52 from file: 347)

DIALOG(R)File 347:JAPIO

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05413105 \*\*Image available\*\*

IMAGE PROCESSING UNIT AND ITS METHOD

PUB. NO.: 09-027905 [JP 9027905 A]

PUBLISHED: January 28, 1997 (19970128)

INVENTOR(s): FUNADA MASAHIRO

APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP  
(Japan)

APPL. NO.: 07-177717 [JP 95177717]

FILED: July 13, 1995 (19950713)

JAPIO KEYWORD:R002 (LASERS); R098 (ELECTRONIC MATERIALS --

#### ABSTRACT

...TO BE SOLVED: To provide an output of an image at a high speed by reading an image signal and a characteristics signal in parallel so as to compensate the deterioration...

... in the case of emphasizing resolution because no adaptive processing is applied to the image entered from an external device and the gradation and the resolution on an entire output image...

...SOLUTION: Upon receipt of an image signal from a host computer 101, a character/line drawing section 111 reads the image signal from an image memory 109 and generates a discrimination signal TEXT denoting whether or not a picture element forms a character/line drawing and stores the signal to the image memory 109. A PWM circuit 113 reads the image signal and its discrimination signal TEXT from the image memory 109 to revise PWM number of the image signal, based on the discrimination signal TEXT. Thus, the image is outputted...

9/3,K/53 (Item 53 from file: 347)

DIALOG(R)File 347:JAPIO

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05289450 \*\*Image available\*\*

PHYSICAL DISTRIBUTION MANAGEMENT METHOD AND PHYSICAL DISTRIBUTION MANAGEMENT SYSTEM

PUB. NO.: 08-244950 [JP 8244950 A]  
PUBLISHED: September 24, 1996 (19960924)  
INVENTOR(s): KOJIMA KIYozo  
KIRA TATSURO  
OKADA KEIJI  
APPLICANT(s): DAIMARU JOHO CENTER KK [000000] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 08-021368 [JP 9621368]  
FILED: February 07, 1996 (19960207)

...JAPIO CLASS: Business Machines); 30.1 (MISCELLANEOUS GOODS --  
...JAPIO KEYWORD: OCR & OMR Optical Readers )

#### ABSTRACT

PURPOSE: To reduce the **number** of a **slip** and compare with an image by **reading** and memorizing the information of a first **slip** in a computer and preparing a second **slip** from this image and moving it along with an article and inputting additionally the image information of a **receipt stamp**, etc., at a moved destination and memorizing it relating to a prior memory information...

...CONSTITUTION: A first **slip** 13 is a carbon paper in two pieces of an client copy 13a and an input **slip** 13b and a destination, client and **commodity**, etc., are **entered** at a store. The image of the input **slip** 13b is **read** by a **scanner** 21 and a data is sent to a host computer. A work station 22 prints out a second **slip** 14 after processing the content of a **slip** file 23. The second **slip** 14 is one writing **form** and is composed of a pasting **slip** to a **commodity** 141, a proof **slip** 142, a deliverer copy 143 and a physical distribution copy 144 and pasted on a packing. A deliverer receives a **receipt stamp** on the proof **slip** 142 at the destination and this image is transferred from a physical distribution center to the host computer and stored in the part with the same **slip number** of the **slip** file.

9/3,K/54 (Item 54 from file: 347)  
DIALOG(R) File 347:JAPIO  
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05206137 \*\*Image available\*\*  
PROCESSOR FOR COMMODITY SALES REGISTRATION DATA

PUB. NO.: 08-161637 [JP 8161637 A]  
PUBLISHED: June 21, 1996 (19960621)  
INVENTOR(s): NAKAKAWAJI MIKIO  
APPLICANT(s): TEC CORP [000356] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 06-301743 [JP 94301743]  
FILED: December 06, 1994 (19941206)

PROCESSOR FOR COMMODITY SALES REGISTRATION DATA

#### ABSTRACT

... required for transfer of money between a customer and a cashier and to improve the **registration** processing job efficiency by calculating a difference between a monetary amount of prepayment received already...

... prepayment is calculated and the result is displayed on a display section 8. When a **receipt** key 9 is depressed, monetary data of prepayment

having been calculated and stored in a...

... the other hand, the POS terminal 4 executes processing such as entry of a specific **product code** through the **reading** of a **bar code** by a **scanner** 2 and addition of total monetary amounts. When the prepayment is **entered**, a difference between the **entered** prepayment and the sales total monetary amount is calculated and the result of calculation by...

9/3,K/55 (Item 55 from file: 347)

DIALOG(R) File 347:JAPIO

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05174125 \*\*Image available\*\*

**ADDRESS REGISTRATION CARD**

PUB. NO.: 08-129625 [JP 8129625 A]

PUBLISHED: May 21, 1996 (19960521)

INVENTOR(s): MATSUZAKA MASAKI  
YANAKA TETSUYA

APPLICANT(s): HOKKAIDO OKI DENKI SYST KK [000000] (A Japanese Company or Corporation), JP (Japan)  
OKI ELECTRIC IND CO LTD [000029] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 06-267701 [JP 94267701]

FILED: October 31, 1994 (19941031)

**ADDRESS REGISTRATION CARD**

...JAPIO CLASS: Input Output Units); 30.1 (MISCELLANEOUS GOODS --

**ABSTRACT**

... simplify input processing and to shorten the processing time by performing the input processing by **reading** the address **registration card** instead of **entering** address, name, and telephone **number**, etc., by manual operation when a **slip**, a **document**, etc., is issued...

...CONSTITUTION: This address **registration card** 1 has magnetic stripes where information on a customer is recorded and has the magnetic stripes 6 which are **read** by a magnetic card **reader** 2 connected to a computer 3, and the **read** information on the customer is sent to a computer 3 and printed on the **slip**, **document**, etc.

9/3,K/56 (Item 56 from file: 347)

DIALOG(R) File 347:JAPIO

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04974147 \*\*Image available\*\*

**DELIVERY SLIP**

PUB. NO.: 07-266747 [JP 7266747 A]

PUBLISHED: October 17, 1995 (19951017)

INVENTOR(s): KIKUGUCHI NOBUYUKI

APPLICANT(s): TOPPAN MOORE CO LTD [368145] (A Japanese Company or Corporation), JP (Japan)

APPL. NO.: 06-085935 [JP 9485935]

FILED: March 31, 1994 (19940331)

**DELIVERY SLIP**

JAPIO-CLASS: 30.1 (MISCELLANEOUS GOODS --

...JAPIO KEYWORD: OCR & OMR Optical Readers )

ABSTRACT

PURPOSE: To make one kind of delivery **slip** cope with separate deliverers, without preparing a delivery **slip** exclusive to each deliverer, and handle the delivery **slip** simply at a window by providing charge **numbers** of a plurality of deliverers for the delivery **slip**.

...

...same information entry part is provided also at a corresponding position in each of memo **slips** 6, and constitution is so made that the information **entered** in the delivery information entry part 2 can be duplicated on the memo **slip** 6 side as well. On the upper paper 3 of the envelope, a plurality of kinds of charge **numbers** 8 corresponding to a delivery **slip** 1 thus prepared are provided in the **form** of **bar codes** being **readable** optically respectively and corresponding to separate deliverers. For instance, a **bar code** 8a is assigned to a company A, 8b to a company B and 8c to a company C. Names of the deliverers are **entered** on the sides thereof or they are encircled by frames sorted by colors corresponding to

...

... that the names of the deliverers are known to a person in charge. The charge **numbers** 8 are **read** by an optical **reading device**.

9/3,K/57 (Item 57 from file: 347)

DIALOG(R)File 347:JAPIO

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04952169 \*\*Image available\*\*  
AUTOMATIC TRANSACTION SYSTEM

PUB. NO.: 07-244769 [JP 7244769 A]

PUBLISHED: September 19, 1995 (19950919)

INVENTOR(s): MURAKAMI KYOKO  
ONIMARU HIROYA  
MIYATA TAKAHIKO  
YUHARA ATSUSHI

APPLICANT(s): HITACHI LTD [000510] (A Japanese Company or Corporation), JP  
(Japan)

APPL. NO.: 06-035839 [JP 9435839]

FILED: March 07, 1994 (19940307)

...JAPIO KEYWORD: OCR & OMR Optical Readers )

ABSTRACT

...CONSTITUTION: This system is equipped with the terminal device 100 which **reads** transaction **items** consisting of alphanumeric and KANJI(Chinese character) data **entered** into a **form**, e.g. an article **code**, a delivery destination, etc., at the time of a purchase of an article optically as...

...device 100 on an on-line basis and has dealings with the user by using **code** data generated by recognizing the characters of the image data; and image data KANJI recognition in the transaction **items** is mainly performed on the host computer side. Image data of the delivery destination, etc., are transferred to generate a delivery **slip** and an address **label**. The host side is loaded with the character recognition of handwritten KANJI, etc., which low in **read** recognition rate to prevent the user from exclusively using the terminal device for a long...

---

... the image data of the handwritten delivery destination, etc., are transferred to issue a delivery **slip**, etc., with characters that the

article requesting user writes directly.

9/3,K/58 (Item 58 from file: 347)  
DIALOG(R) File 347:JAPIO  
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04899467 \*\*Image available\*\*  
METHOD AND DEVICE FOR PREPARING DELIVERY **SLIP**

PUB. NO.: 07-192067 [JP 7192067 A]  
PUBLISHED: July 28, 1995 (19950728)  
INVENTOR(s): NAGATA TAKESHI  
OKUBO MASAHIRO  
APPLICANT(s): TOPPAN MOORE CO LTD [368145] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 05-330945 [JP 93330945]  
FILED: December 27, 1993 (19931227)

METHOD AND DEVICE FOR PREPARING DELIVERY **SLIP**  
...JAPIO KEYWORD: OCR & OMR Optical Readers ); R131 (INFORMATION  
PROCESSING

#### ABSTRACT

PURPOSE: To prepare a clean delivery **slip** from a delivery statement or  
the like with a simple system constitution...

...CONSTITUTION: In an address **label** 10, the delivery statement 20 or a  
sending list 30 to be a delivery request letter, not only senders 12, 22  
and 32, sending destinations 14, 24 and 34 and **product** explanation 16, 26  
an 36 are **entered** but also the text **codes** of the contents are printed  
as two-dimensional **bar codes** 18, 28 and 38. In a department for  
preparing the delivery **slip**, the **bar codes** 18, 28 and 38 are **read**  
by a **reader** 50 and a CPU 52 lays out the contents **read** by the **reader**  
50 corresponding to a delivery **slip** format and prints them on a delivery  
**slip form** by a printer 56.

9/3,K/59 (Item 59 from file: 347)  
DIALOG(R) File 347:JAPIO  
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04868349 \*\*Image available\*\*  
**COMMODITY** SALES DATA PROCESSING UNIT

PUB. NO.: 07-160949 [JP 7160949 A]  
PUBLISHED: June 23, 1995 (19950623)  
INVENTOR(s): UEMATSU TSUGIHARU  
APPLICANT(s): TEC CORP [000356] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 05-339031 [JP 93339031]  
FILED: December 03, 1993 (19931203)

**COMMODITY** SALES DATA PROCESSING UNIT  
...JAPIO KEYWORD: OCR & OMR Optical Readers ); R131 (INFORMATION  
PROCESSING

#### ABSTRACT

PURPOSE: To quickly and accurately make a plan of management strategy by  
implementing miscellaneous output **registration** when **registration** of

transaction data for a customer is finished so as to eliminate the need for publication of a hand-written **slip**.

...

...CONSTITUTION: A **scanner** or a numeric key K1 and a price lookup (PLU) key K2 are used to **enter** a PLU **code** and when plural of the same **commodities** are in existence, data on the **number** of pieces are **entered** by an X key K4 and the numeric key K1 to register the transaction data. When **registration** processing of a sales **commodity** to a customer is finished, a minor total key K5 is inputted to confirm the...

... one transaction on a display device, a deposit/current total key K6 is used to **enter** a **receipt** amount of money and to terminate one transaction. Then the **scanner** or the PLU key K2 and the numeric key K1 are used to **enter** a PLU **code** as **commodity code** of miscellaneous **commodity** and when plural of the same **commodities** are in existence, the X key K4 and the numeric key K1 are used to **enter** the data on the **number** of pieces and the miscellaneous data are subjected to miscellaneous output data **registration** processing.

9/3,K/60 (Item 60 from file: 347)  
DIALOG(R) File 347:JAPIO  
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04802771 \*\*Image available\*\*  
STORAGE TYPE FACSIMILE TRANSMISSION **EQUIPMENT**

PUB. NO.: 07-095371 [JP 7095371 A]  
PUBLISHED: April 07, 1995 (19950407)  
INVENTOR(s): SHIMIZU MAKOTO  
APPLICANT(s): TOSHIBA CORP [000307] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 05-236786 [JP 93236786]  
FILED: September 22, 1993 (19930922)

STORAGE TYPE FACSIMILE TRANSMISSION **EQUIPMENT**

#### ABSTRACT

PURPOSE: To utilize effectively a storage capacity by generating a transmission **slip** efficiently in the inside of the **equipment** automatically...

...CONSTITUTION: The storage type facsimile transmission **equipment** is provided with a 1st input means 11 **reading** a **document** picture to be sent, a 2nd input means 12 **entering** a character **code** required to generate a transmission **slip** to be added to the **document** picture to be sent, a storage means 13 storing the picture data and the character **code entered** by the 1st and 2nd input means, a picture data generating means 15 converting the character **code** stored in the storage means 13 into character picture data, and a control means 16 generating the transmission **slip** based on the character picture data converted by the picture data generating means, storing the transmission **slip** and the picture data stored in the storage means 13 sequentially to a magnetic disk...

9/3,K/61 (Item 61 from file: 347)  
DIALOG(R) File 347:JAPIO  
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04792567    \*\*Image available\*\*  
RECEIPT ISSUE SYSTEM

PUB. NO.:    07-085167 [JP 7085167 A]  
PUBLISHED:   March 31, 1995 (19950331)  
INVENTOR(s):   TAKADA ISAMU  
APPLICANT(s):   SANYO ELECTRIC CO LTD [000188] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.:   05-187065 [JP 93187065]  
FILED:   June 29, 1993 (19930629)

RECEIPT ISSUE SYSTEM

ABSTRACT

PURPOSE: To easily and quickly execute a **receipt** issue job...

... insurance information of a patient is sequentially stored in a heading data file and a **receipt** by patient is generated and issued every month. When month and year is **entered** by a key board 21, a central processing section 11 generates an index file 15 for a concerned month from the heading data file 12 and counts and sums the **number** of **items** to be issued and the **number** of issued **items** for each **form number** and extracts the name of a **form** corresponding to the **form number** from a **form** assignation table file 13 and generates a **form** dependent issuing **item number** file 16 in which a **form** name, the **number** of **items** to be issued and the **number** of issued **items** are cross-referenced with each **form number**. The content of the **form** dependent issuing **item number** file is displayed on a CRT 22 and when a **form number** corresponding to a **receipt** to be issued is selected from the display content, the insurance information corresponding to the selected **form number** is **read** from the index file 15 and the **receipt** is issued from a printer 23 based thereon.

9/3,K/62    (Item 62 from file: 347)  
DIALOG(R)File 347:JAPIO  
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04661267    \*\*Image available\*\*  
COMMODITY SALES REGISTRATION DATA PROCESSING UNIT

PUB. NO.:    06-333167 [JP 6333167 A]  
PUBLISHED:   December 02, 1994 (19941202)  
INVENTOR(s):   KUDO MEGUMI  
APPLICANT(s):   TOKYO ELECTRIC CO LTD [000356] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.:   05-120130 [JP 93120130]  
FILED:   May 21, 1993 (19930521)

COMMODITY SALES REGISTRATION DATA PROCESSING UNIT

ABSTRACT

PURPOSE: To automatically publish memo **form** from which **items** described on a home delivery **slip** are confirmed by providing with a data selection **read** control means to selectively **read** **items** required for describing data in the home delivery **slip** among home delivery handling data...

... a home delivery handling treatment program stored in a ROM 12. An acceptance date is **entered** automatically by a clock circuit 14 and an issuing **code** is **read** from the ROM 12 and automatically inputted. The

data are tentatively stored in a work area of a RAM 13 together with a company code , a slip number , an arrived shop code and a cargo size or the like. A data selection read control means uses a control means comprising a CPU 11 and the ROM 12 to selectively read items required to be described on a home delivery slip from among home delivery handling data stored tentatively in the RAM 13. A memo form issuing control means uses a printer 22 to print out the selectively read required items onto another memo form than a usual sheet.

9/3,K/63 (Item 63 from file: 347)  
DIALOG(R) File 347:JAPIO  
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04227574 \*\*Image available\*\*  
FACSIMILE EQUIPMENT

PUB. NO.: 05-219274 [JP 5219274 A]  
PUBLISHED: August 27, 1993 (19930827)  
INVENTOR(s): MIZUNO YOSHIAKI  
APPLICANT(s): NEC SHIZUOKA LTD [489142] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 04-019680 [JP 9219680]  
FILED: February 05, 1992 (19920205)  
JOURNAL: Section: E, Section No. 1472, Vol. 17, No. 665, Pg. 71, December 08, 1993 (19931208)

FACSIMILE EQUIPMENT

#### ABSTRACT

PURPOSE: To allow the facsimile equipment to generate an invoice of a document sent by the facsimile equipment and to send the invoice without printing on paper nor hand-wiring on paper...

...CONSTITUTION: Information relating to an invoice such as a company name being a destination, a destination and the number of transmission sheets is entered from an operation panel 11 and the invoice is generated in an interactive way with an invoice information generating function 12 through a liquid crystal screen integrated to the operation panel 11. The generated invoice information is stored in a memory function 13. An invoice output function 14 reads the invoice information from the memory function 13, converts it into picture information and sends the information in succession to a final page of a transmission document .

9/3,K/64 (Item 64 from file: 347)  
DIALOG(R) File 347:JAPIO  
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03582363 \*\*Image available\*\*  
AUTOMATIC APPLICATION HANDLING FEE PAYMENT SYSTEM AND AUTOMATIC APPLICATION DELIVERY DOCUMENT ISSUE SYSTEM

PUB. NO.: 03-245263 [JP 3245263 A]  
PUBLISHED: October 31, 1991 (19911031)  
INVENTOR(s): YASUMATSU FUJIO  
APPLICANT(s): YASUMATSU FUJIO [000000] (An Individual), JP (Japan)  
APPL. NO.: 02-044162 [JP 9044162]  
FILED: February 22, 1990 (19900222)

JOURNAL: Section: P, Section No. 1305, Vol. 16, No. 39, Pg. 59,  
January 30, 1992 (19920130)

AUTOMATIC APPLICATION HANDLING FEE PAYMENT SYSTEM AND AUTOMATIC APPLICATION  
DELIVERY DOCUMENT ISSUE SYSTEM  
...JAPIO KEYWORD: OCR & OMR Optical Readers ); R131 (INFORMATION  
PROCESSING

ABSTRACT

... needed for payment of the handling fee in an entry system that can be optically **read** and **reading** these entry columns via an optical **reader**.

...

...11 on the upper right shoulder of the application 1. A mark 2 to be **filled** in black is contained in a resident section mark entry column 11. In addition, the mark...

... is put into an application slit of an automatic handling fee payment machine, an optical **reader** contained in this machine **reads** two marks of an applicant to input and specify the section of application and the needed **number** of copies. Then the whole or some of these application **items** are displayed on a display together with their amounts charged. When the applicant inputs the...

...reception mark 20 is written on the application 1 and at the same time a **receipt** is issued.

9/3,K/65 (Item 65 from file: 347)  
DIALOG(R) File 347:JAPIO  
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03497662 \*\*Image available\*\*  
AUTOMATIC POSTAL TRANSFER DEVICE

PUB. NO.: 03-160562 [JP 3160562 A]  
PUBLISHED: July 10, 1991 (19910710)  
INVENTOR(s): KOMATSU SOICHI  
KOBAYASHI NORIO  
KAMATA HIDETOSHI  
FUKUTOME MAKOTO  
MIZUSHIMA KEIKO  
APPLICANT(s): FUJITSU LTD [000522] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 01-301033 [JP 89301033]  
FILED: November 20, 1989 (19891120)  
JOURNAL: Section: P, Section No. 1261, Vol. 15, No. 399, Pg. 142,  
October 09, 1991 (19911009)

ABSTRACT

PURPOSE: To reduce and shorten staff's trouble and time and to improve the **service** by the shortening of the wait time of users by transferring money only by inserting a magnetic card and a transfer **form** wherein necessary **items** are **entered** by a customer and then inputting the amount of money to be paid and necessary...

...CONSTITUTION: An input means 1 inputs the password **number** of the customer, a transfer destination account number, who pays the transfer charge, and the amount of money paid, a **read** means 2 **reads** the password

number and account number of the customer out of a customer certification medium such as a card, and a discrimination means 3 decides whether or not the inserted transfer form is true. An indicating means 4 matches the password numbers from the input means 1 and read means 2 with each other and sends the password number when they match each other to request transfer processing, thereby indicating the processing of the transfer form according to a response to that. Then a processing means 5 prints the amount of money to be transferred on the transfer form to issue a receipt slip and stores other parts of the transfer form in a storage part 6. Consequently, the staff's trouble and time can be reduced and shortened and the wait time of the customer is shortened to improve the service.

9/3,K/66 (Item 66 from file: 347)  
DIALOG(R)File 347:JAPIO  
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03024162 \*\*Image available\*\*  
FACSIMILE SYSTEM

PUB. NO.: 01-321762 [JP 1321762 A]  
PUBLISHED: December 27, 1989 (19891227)  
INVENTOR(s): SATOU RIYOUICHIROU  
APPLICANT(s): CANON INC [000100] (A Japanese Company or Corporation), JP  
(Japan)  
APPL. NO.: 63-155015 [JP 88155015]  
FILED: June 24, 1988 (19880624)  
JOURNAL: Section: E, Section No. 901, Vol. 14, No. 130, Pg. 148, March  
12, 1990 (19900312)

#### ABSTRACT

PURPOSE: To send data information corresponding to an opposite facsimile equipment by sending a voice guidance according to an incoming call from the opposite facsimile equipment, then identifying a received PB signal and reading the corresponding data information from a storage means...

...CONSTITUTION: When an opposite facsimile equipment makes a phone call to a personal computer via a telephone line 11, a FAX...  
...sends a voice guidance. Then the opposite FAX operates a PB button of FAX to enter a code corresponding to a desired document. Upon the receipt of the PB signal from the opposite FAX, the PB signal is identified to switch...

9/3,K/67 (Item 67 from file: 347)  
DIALOG(R)File 347:JAPIO  
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02073505 \*\*Image available\*\*  
SCANNING CONTROL DEVICE FOR CHART FILE

PUB. NO.: 61-287605 [JP 61287605 A]  
PUBLISHED: December 18, 1986 (19861218)  
INVENTOR(s): KAWAJIRI SEIJI  
APPLICANT(s): NIPPON FILING CO LTD [327403] (A Japanese Company or  
Corporation), JP (Japan)  
APPL. NO.: 60-128984 [JP 85128984]  
FILED: June 13, 1985 (19850613)  
JOURNAL: Section: M, Section No. 590, Vol. 11, No. 157, Pg. 29, May

21, 1987 (19870521)

SCANNING CONTROL DEVICE FOR CHART FILE  
...JAPIO CLASS: Other); 30.1 (MISCELLANEOUS GOODS --

ABSTRACT

... efficient takeout operation of chart file by furnishing a display means to display the memory **code** and data in a memory **read** out sequentially by a **reading** means one accommodation zone after another in response to external manipulation...

...CONSTITUTION: To store a **code** and the data about its accommodated position in a memory 21, the corresponding file no. is **entered** in a file no. **receipt** part 13, to be followed by **scanning** after the accommodated position date for the chart file corresponding to the **code entered** i.e. file no. preceding to the **registration** data memory part 18 and this **code** and its accommodated position data are as a pair stored in said memory 21, the...

...the basis of the content of the memory 21, the content is displayed on a **read** -in display 26, and chart file takeout operation is conducted as following its indication, and...

9/3,K/68 (Item 68 from file: 347)  
DIALOG(R) File 347:JAPIO  
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00987630 \*\*Image available\*\*  
METHOD FOR INPUTTING DATA TO COMPUTER

PUB. NO.: 57-137930 [JP 57137930 A]  
PUBLISHED: August 25, 1982 (19820825)  
INVENTOR(s): INOUE TADASHI  
FUJITA YASUOMI  
APPLICANT(s): SUMITOMO ELECTRIC IND LTD [000213] (A Japanese Company or Corporation), JP (Japan)  
APPL. NO.: 56-022443 [JP 8122443]  
FILED: February 18, 1981 (19810218)  
JOURNAL: Section: P, Section No. 157, Vol. 06, No. 237, Pg. 154,  
November 25, 1982 (19821125)

ABSTRACT

... to be examined, in the course of an examination step, by converting an examination request **form** in which examination **items** have been enumerated, into a mark card, and inserting the card into a mark card **reader** provided with a **bar - code reader**.

...  
...CONSTITUTION: A **label** 6 showing the **receipt number** issued in the order of **receipt** of a body to be examined, by a **bar - code** is stuck onto a prescribed position of the second examination request **form** in which marks have been **entered** in accordance with inspection **items** required, and on the other hand, the same **label** is stuck on the body to be examined 7, too, so that the examination request **form** corresponds to the body to be examined. Subsequently, when the examination request **form** 3 on which this **label** 6 has been stuck is inserted into a mark card **reader** 9 with a **bar - code reader**, which has added a **bar - code reader** 8 to the mark card **reader** having a function which is capable of coupling with a computer device by on-line, the examination request **item** and the **receipt number** are **read** at the same time.